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ATLAS OF PLATES

ILLUSTRATING THE TREATISE

ON

THE ELEMENTARY PRINCIPLES OF THE CONSTRUCTION
AND WORKING OF MACHINERY.

BY

C. D. ABEL, C.E.

LONDON:

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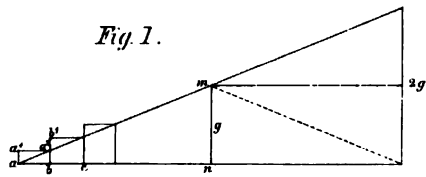


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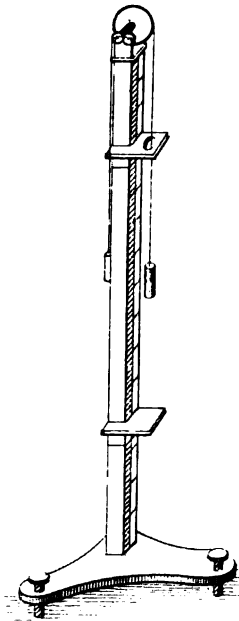


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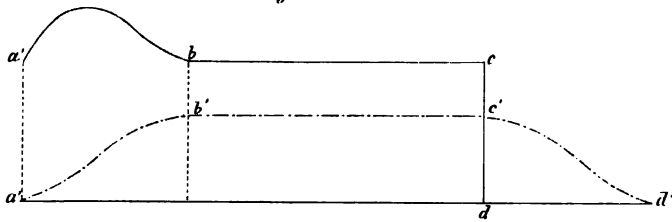


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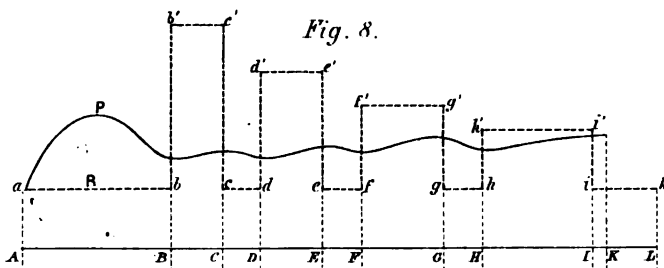


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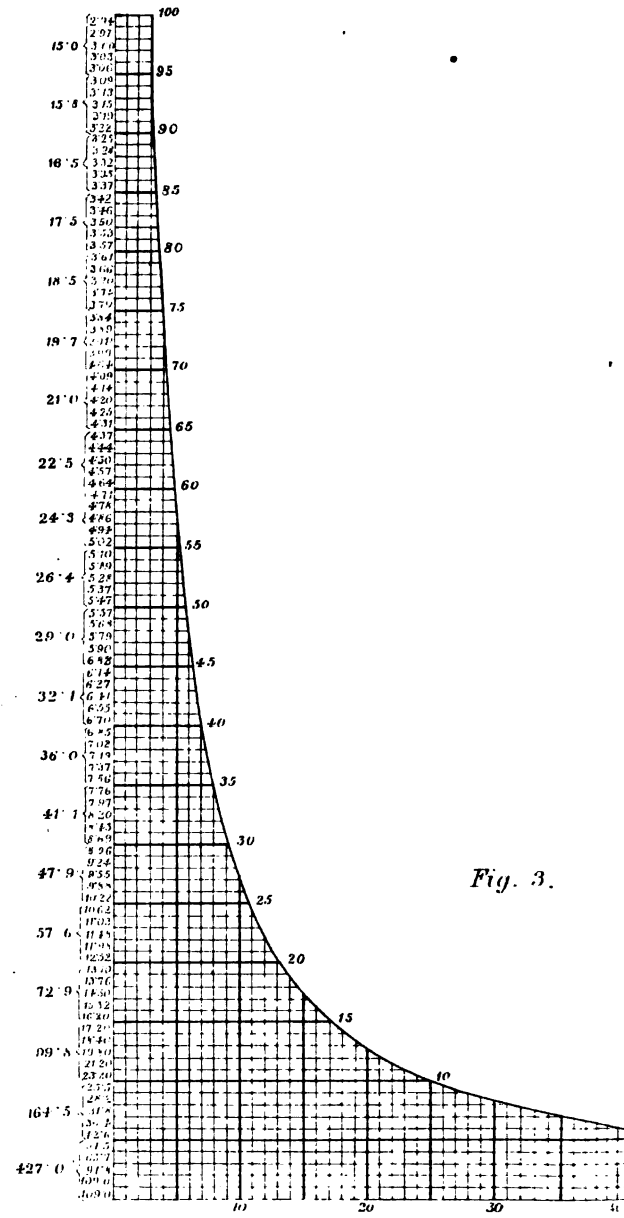
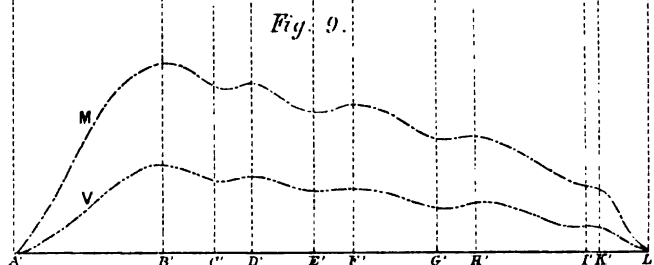


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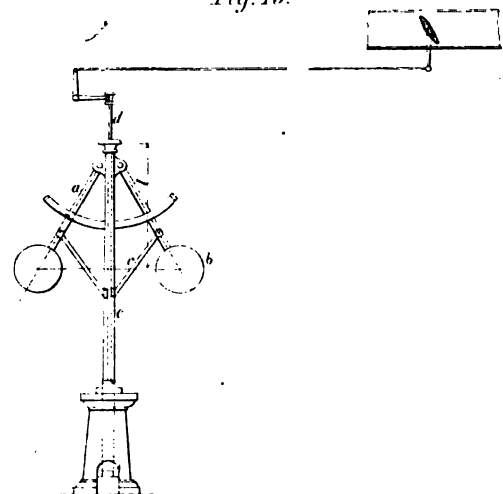


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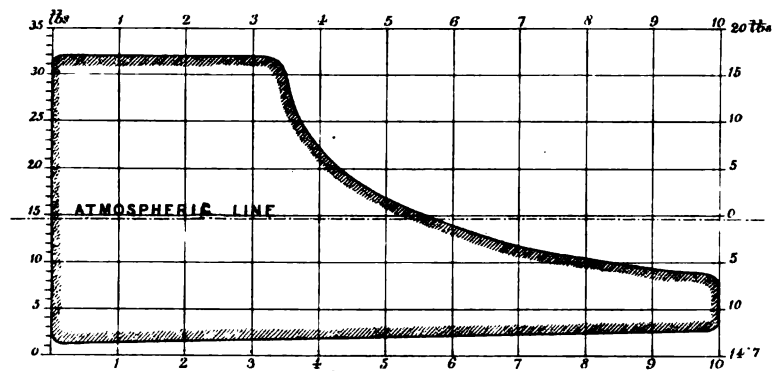


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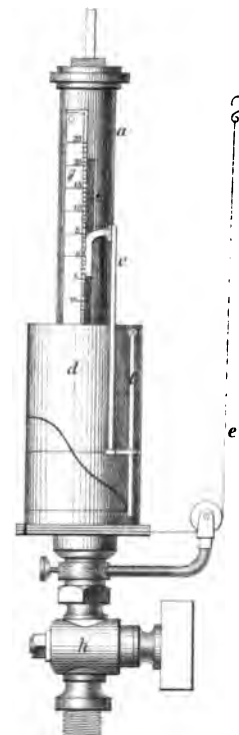


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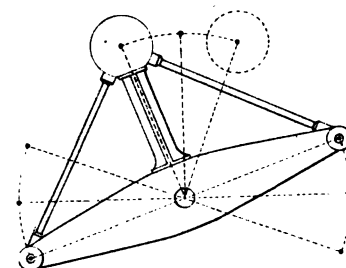


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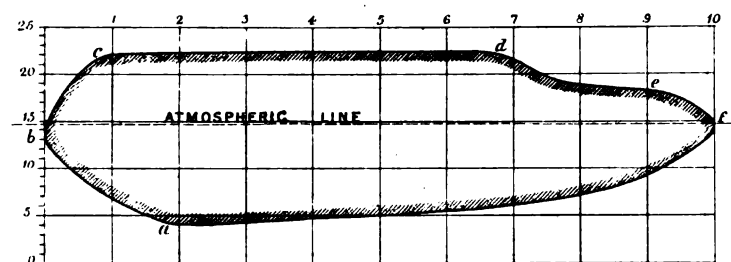


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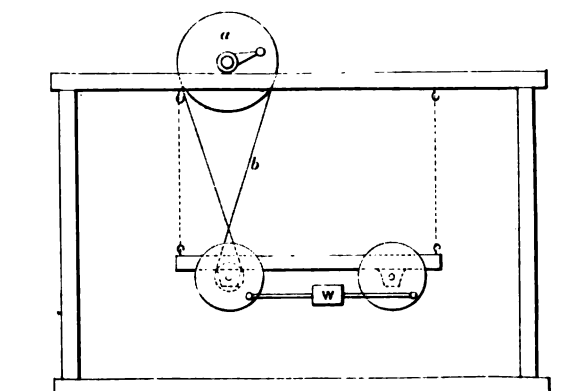


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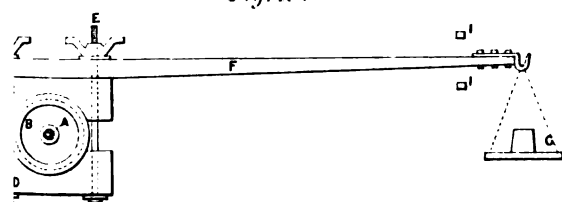


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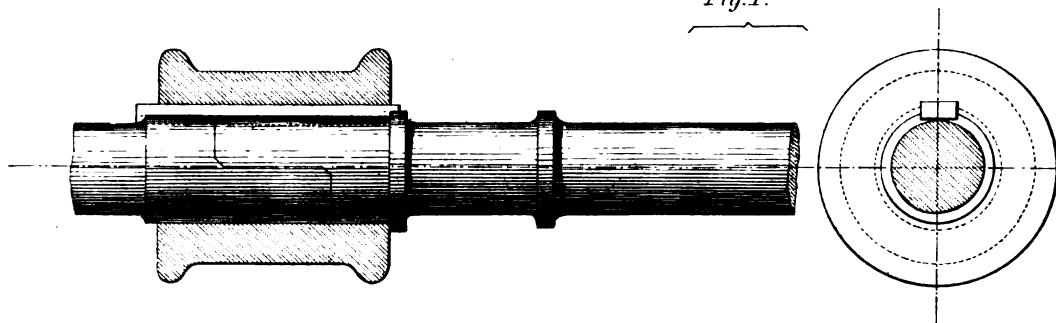


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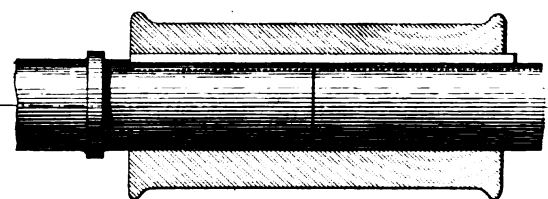


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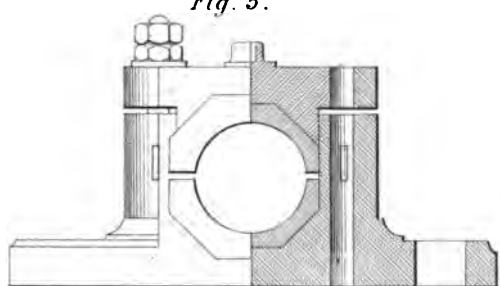


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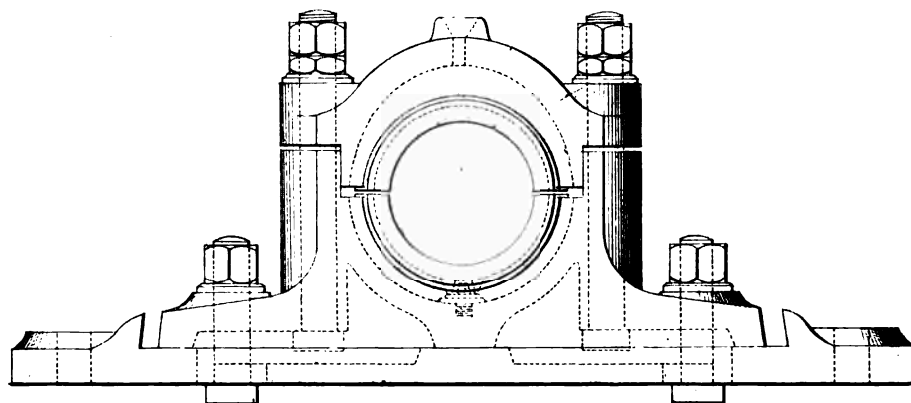


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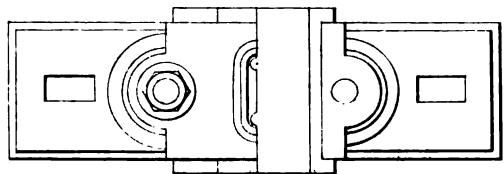


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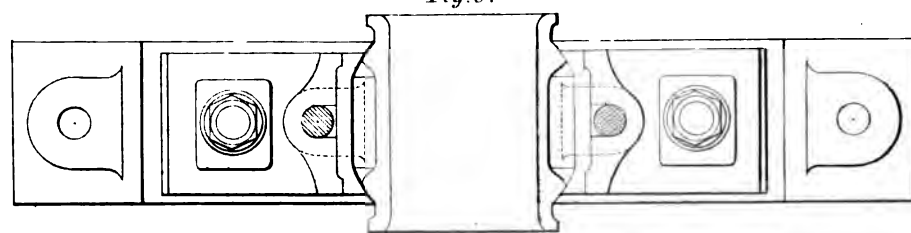


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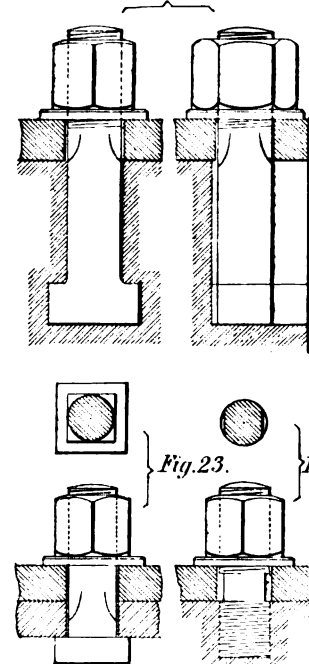
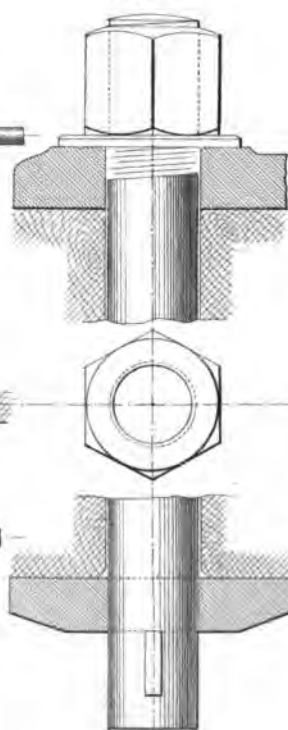
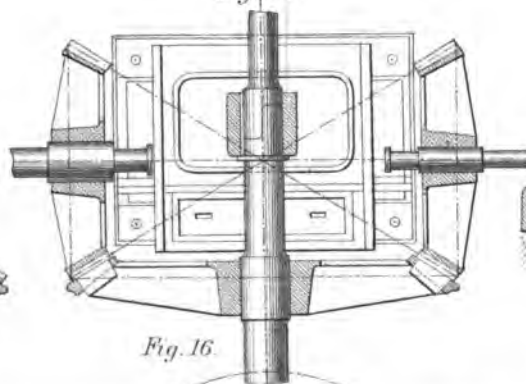
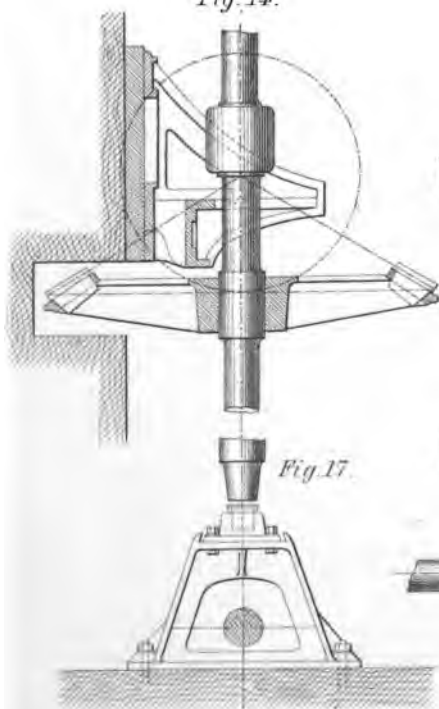


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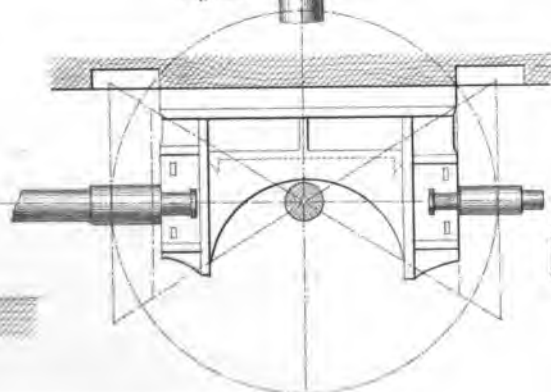
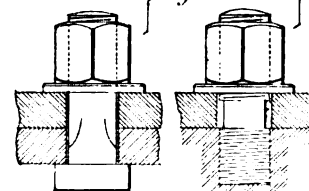


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Fig. 23.

Fig. 24.



MERBLOCKS, BRACKETS, BOLTS & NUTS.

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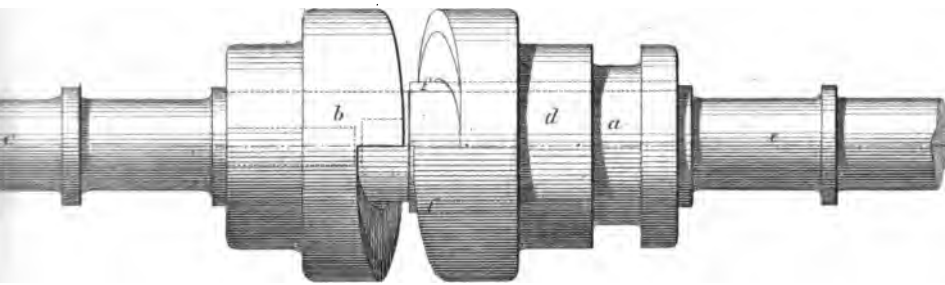


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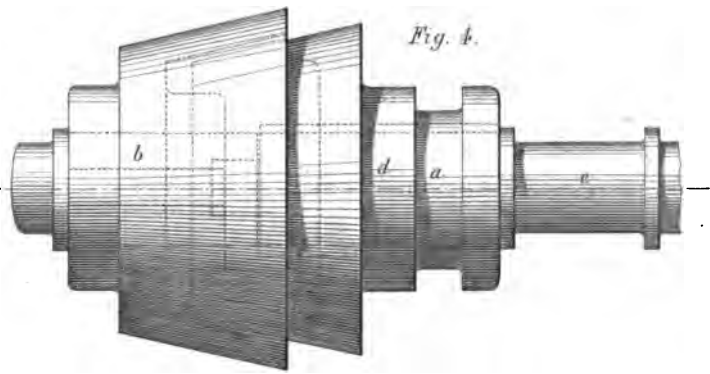


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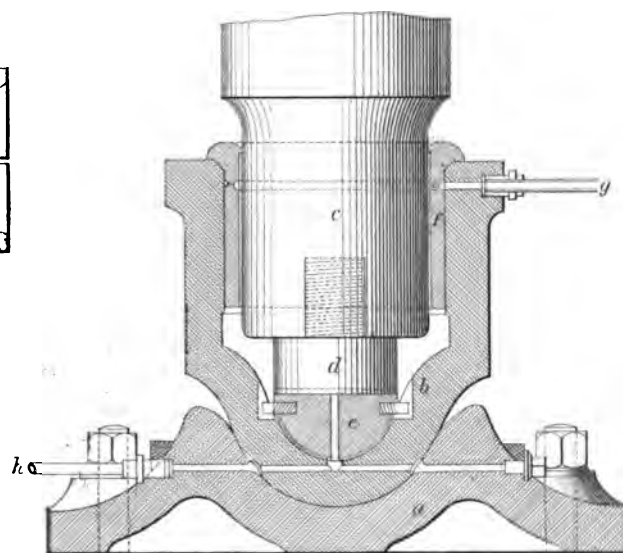


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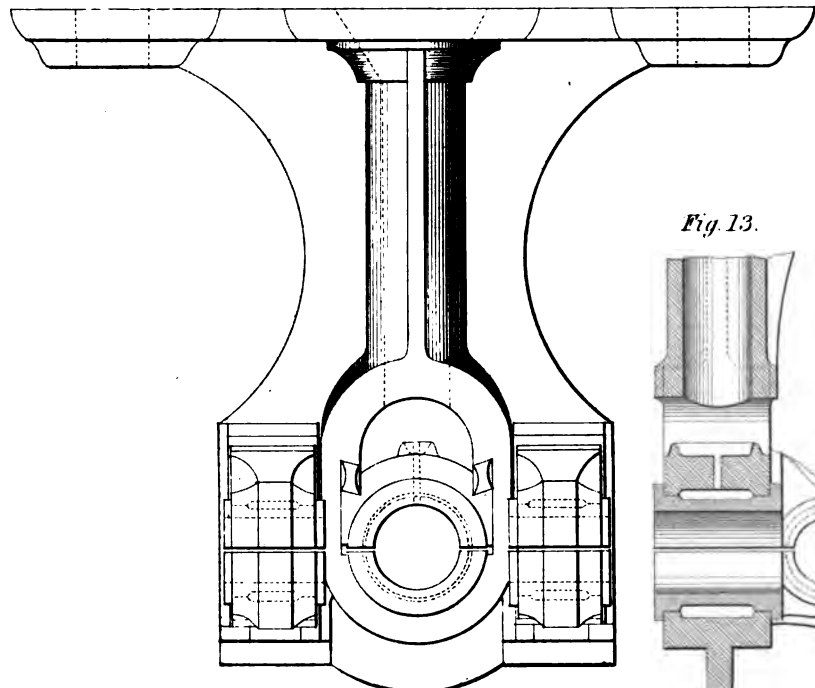


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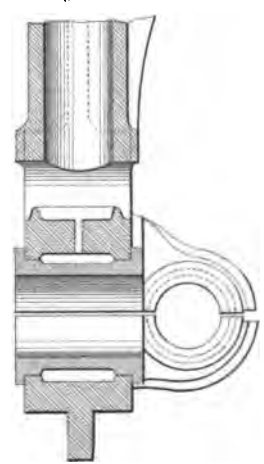


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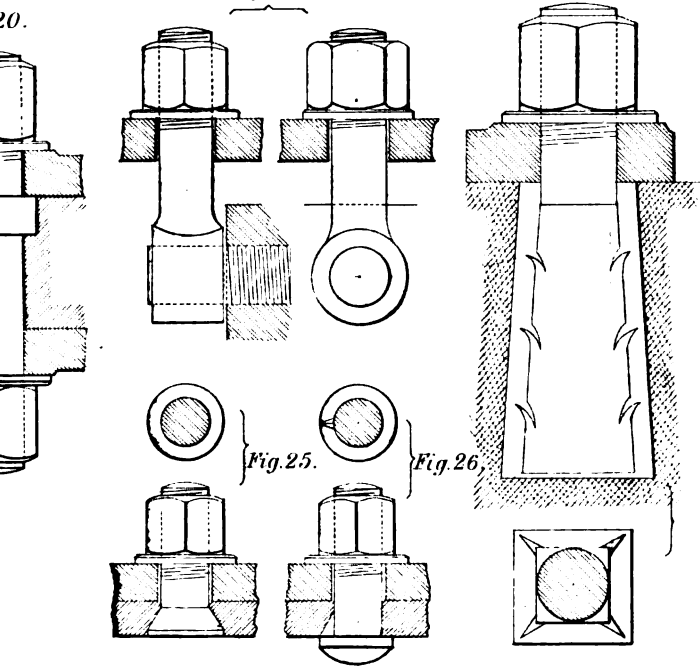


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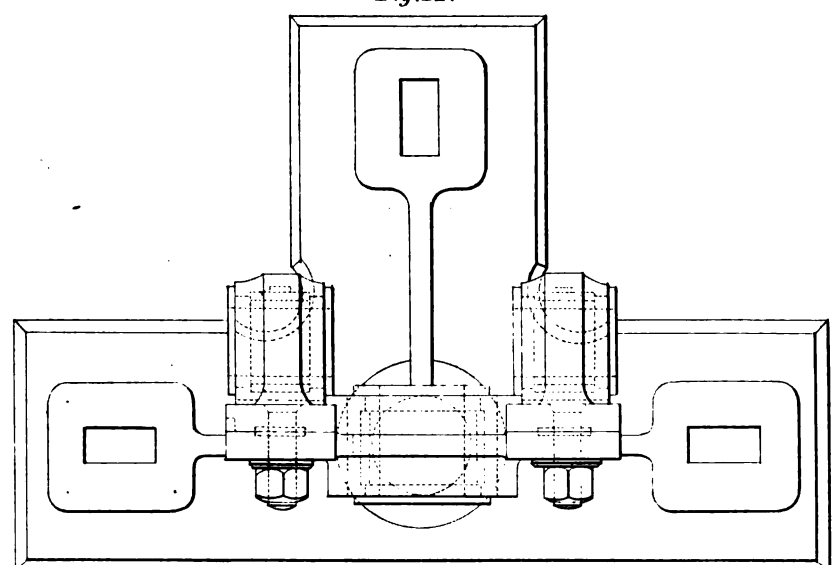


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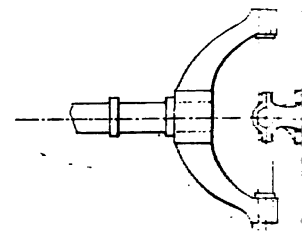
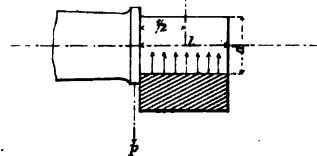


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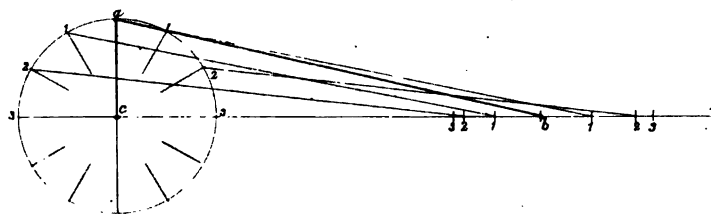


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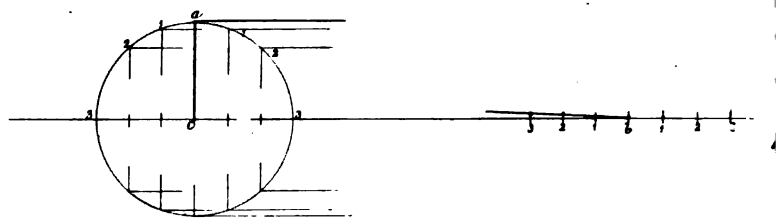


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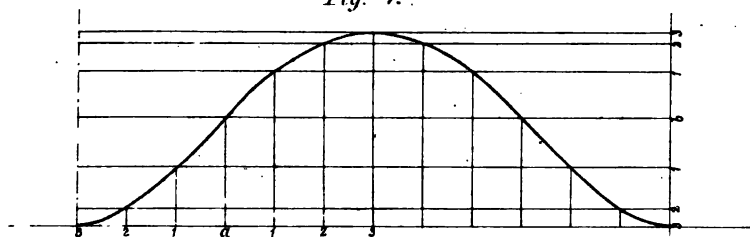


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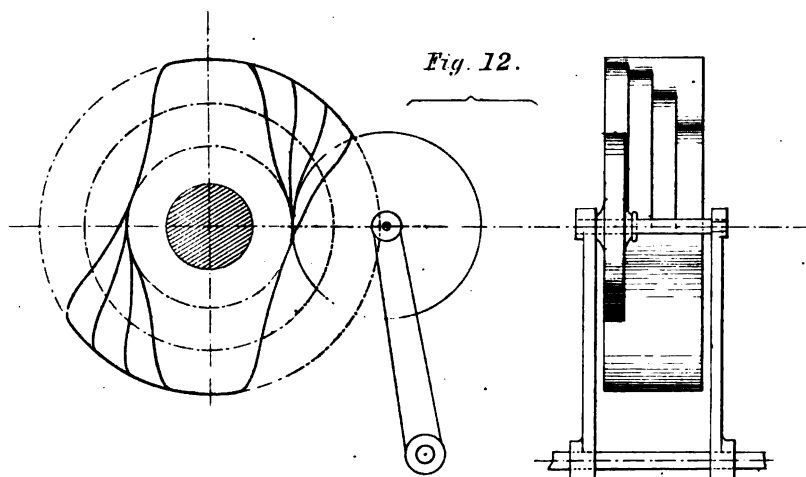


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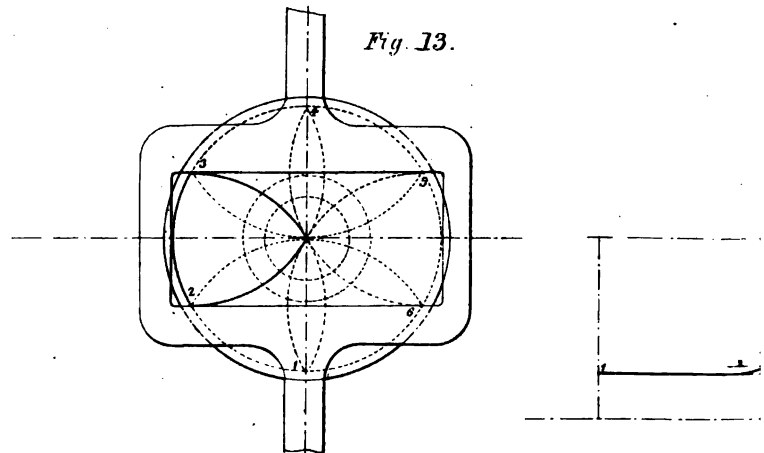


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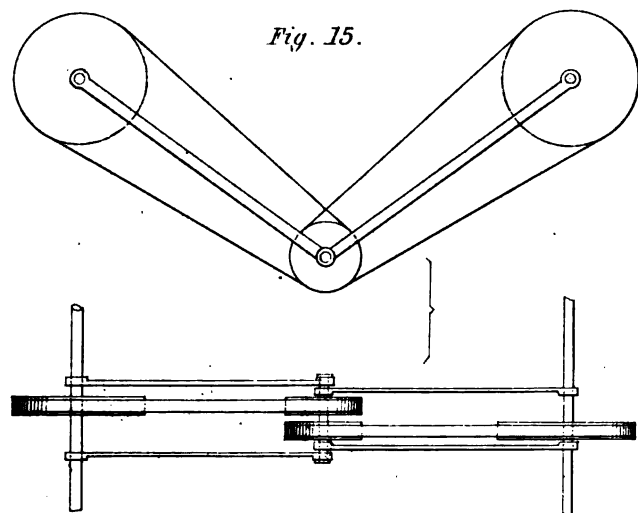


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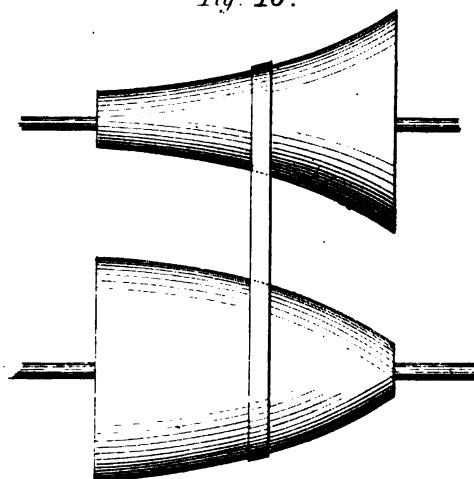


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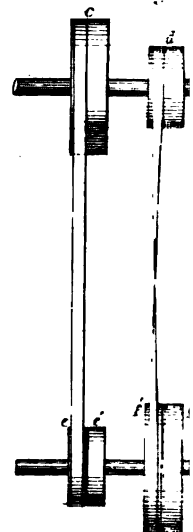


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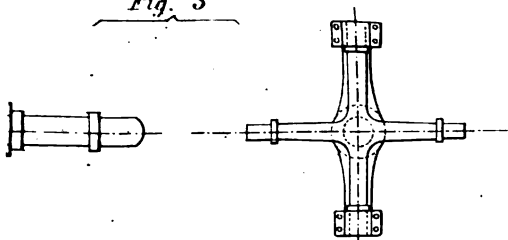


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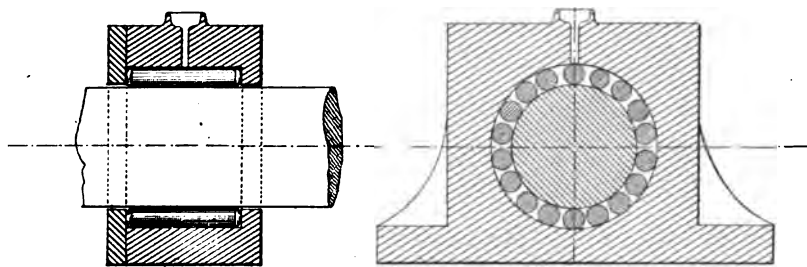


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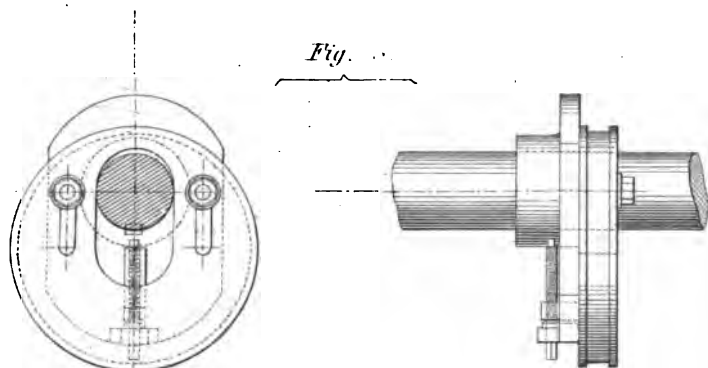


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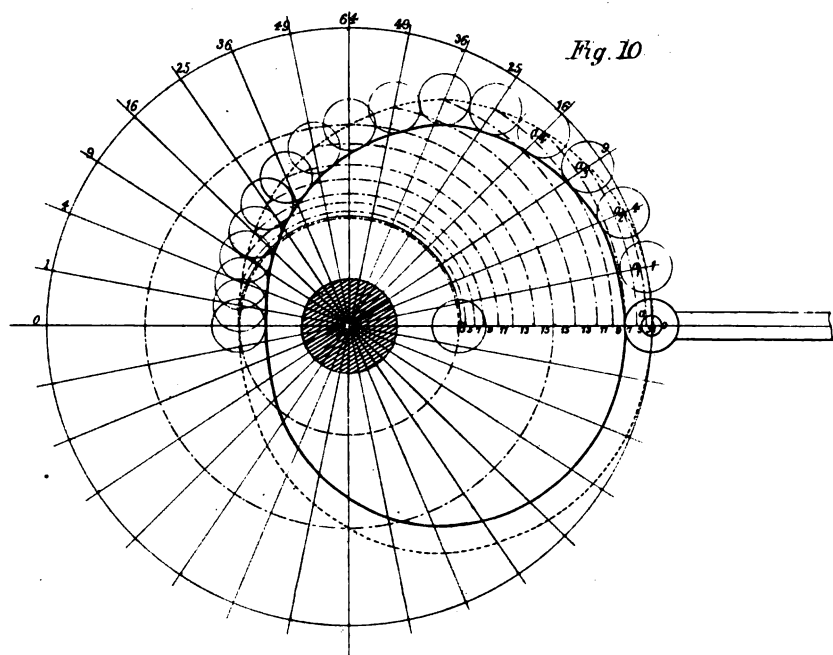


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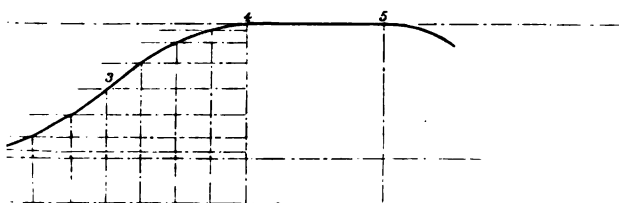


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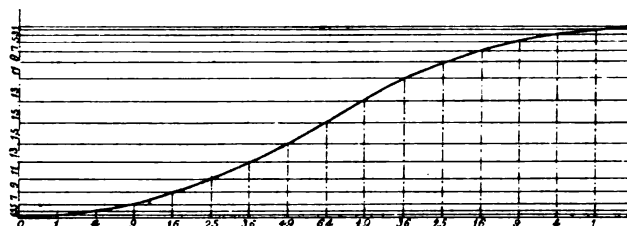
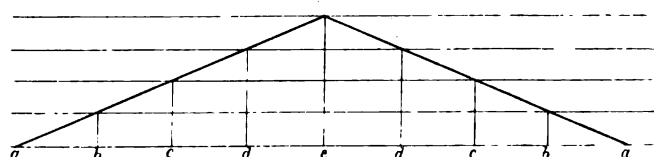
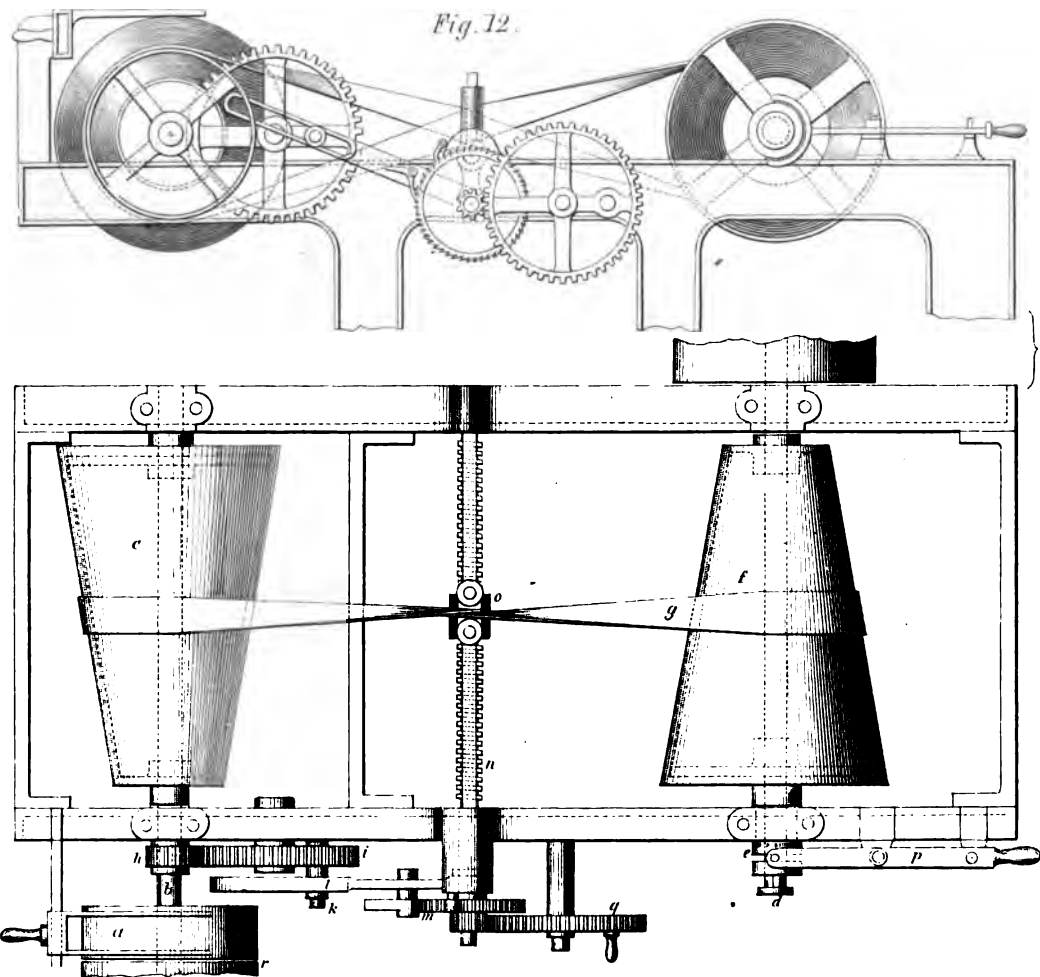
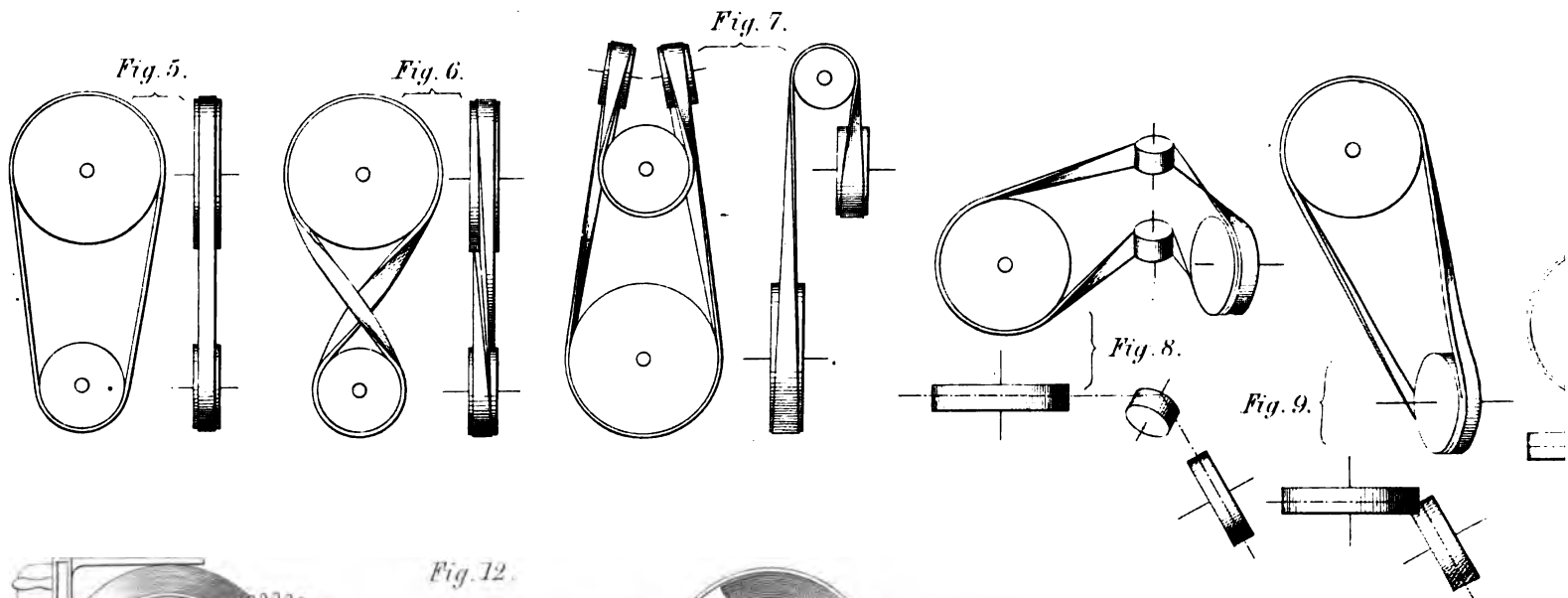
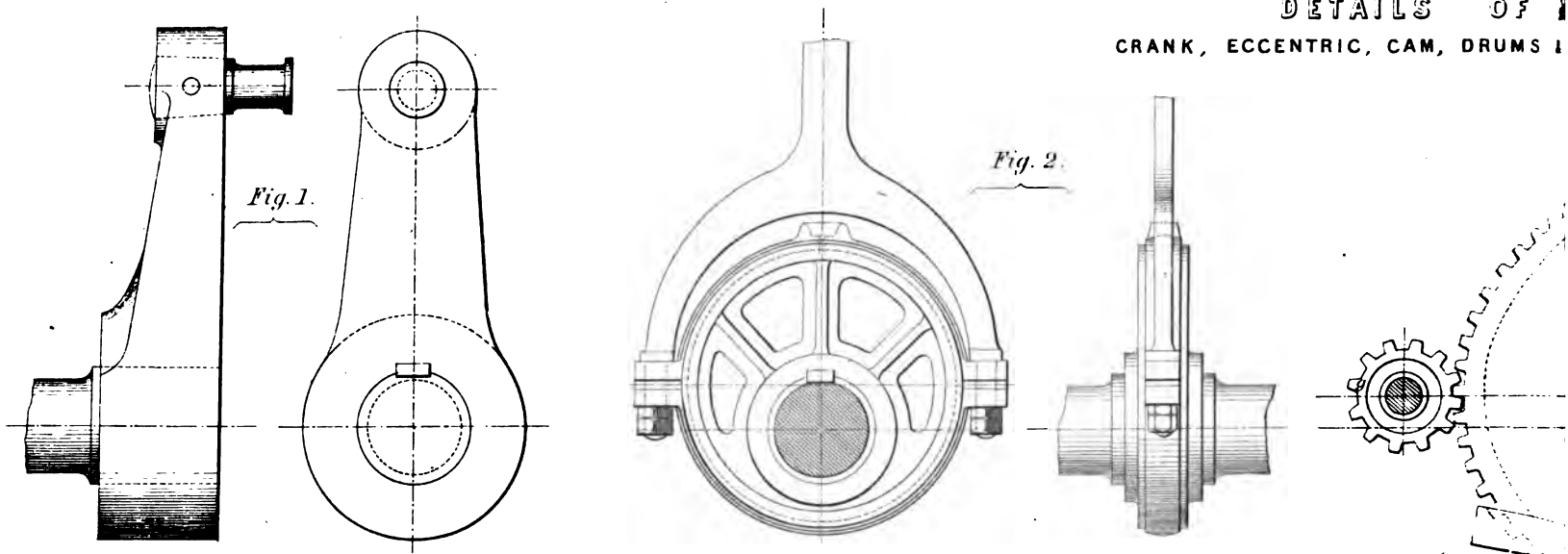


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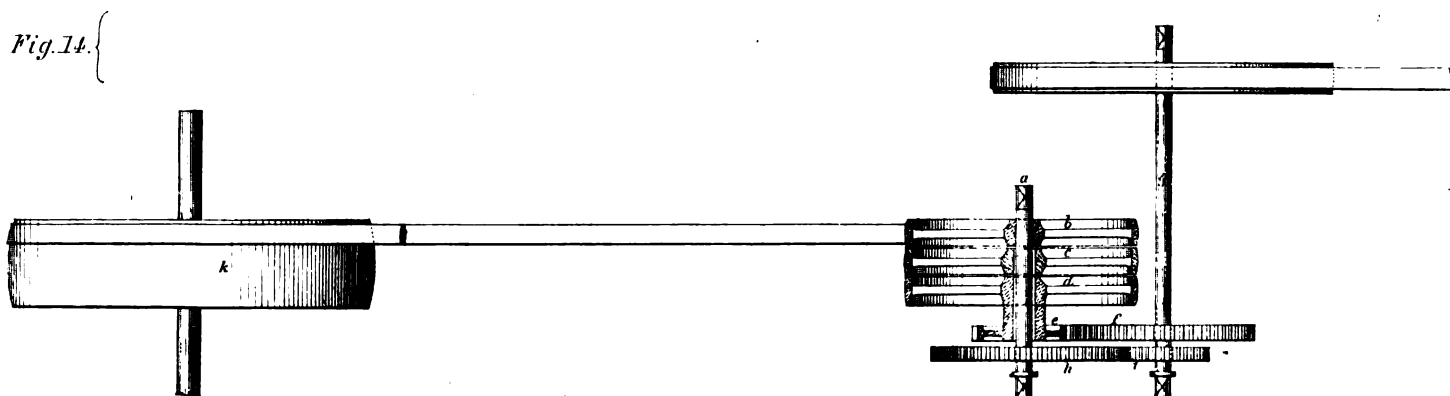
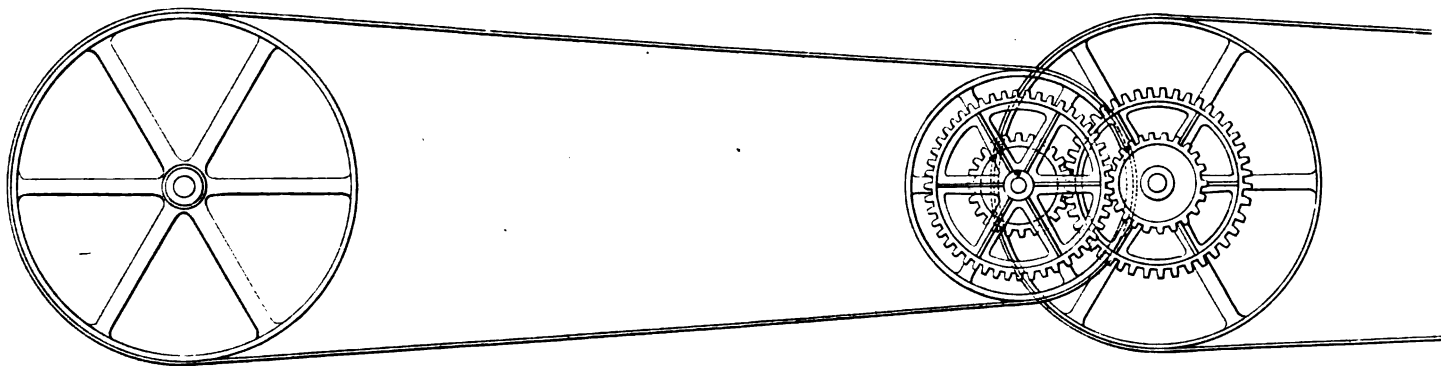
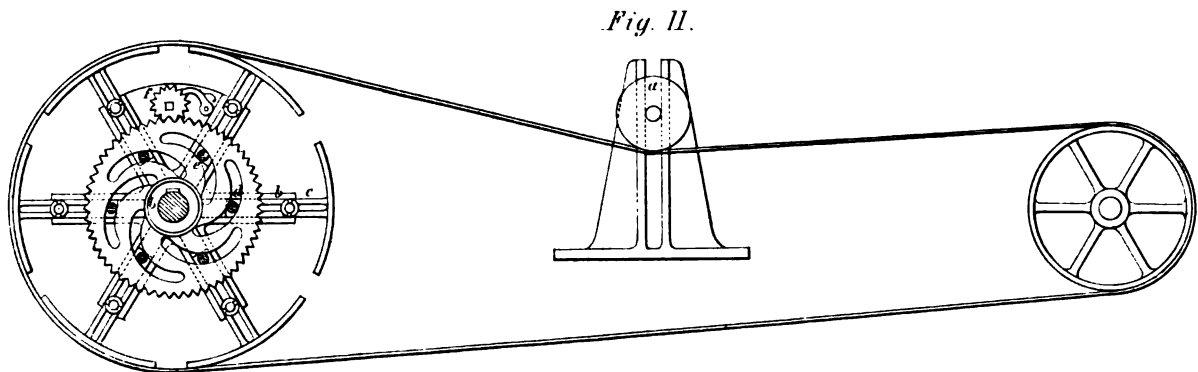
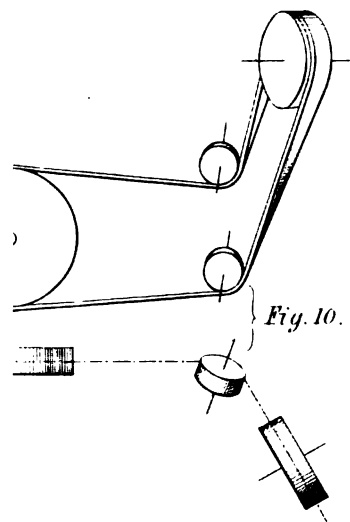
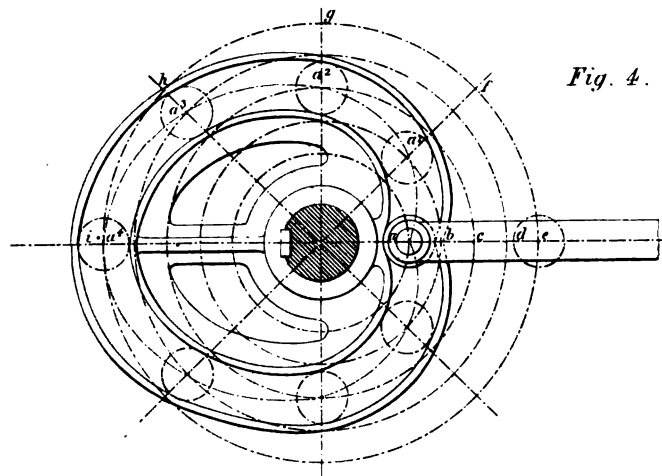
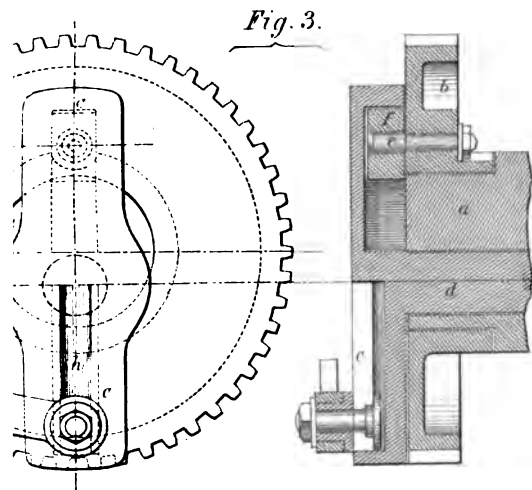


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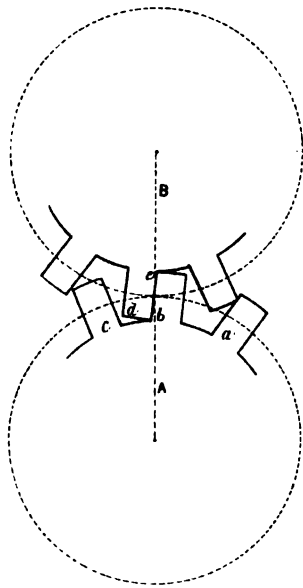


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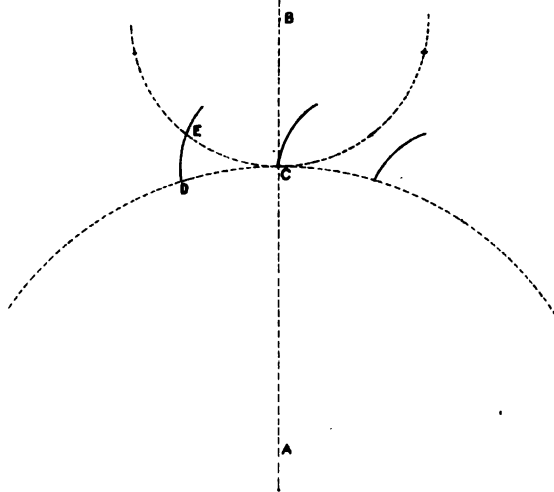


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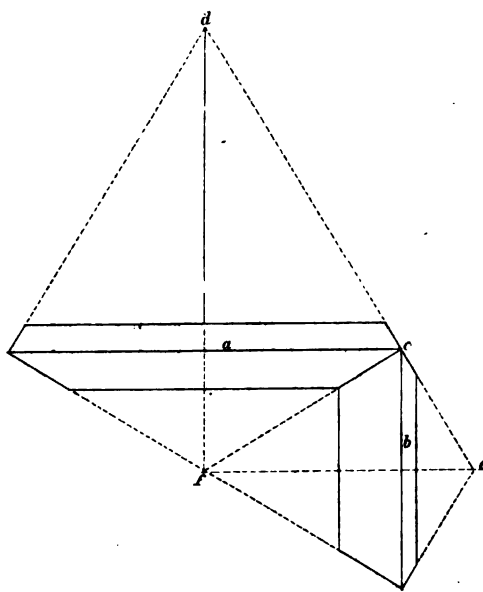


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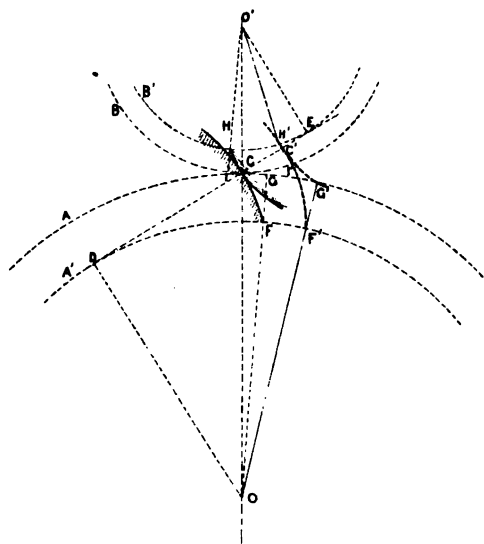


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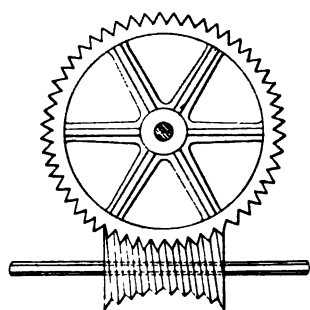


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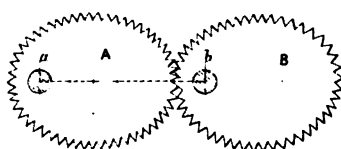


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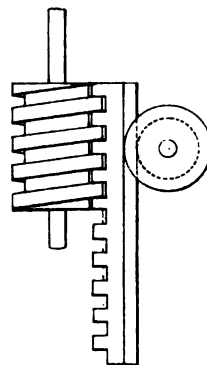


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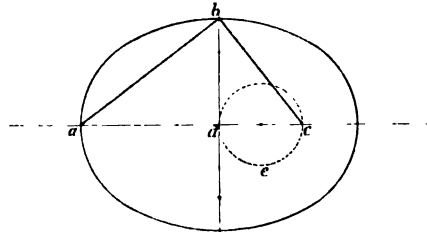
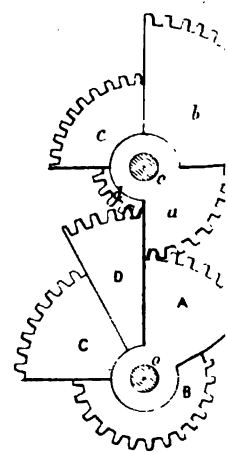


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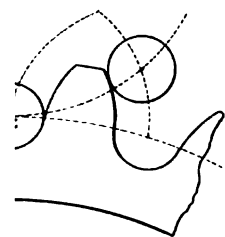


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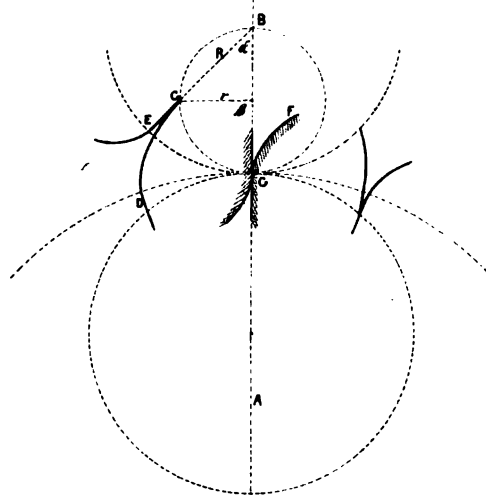


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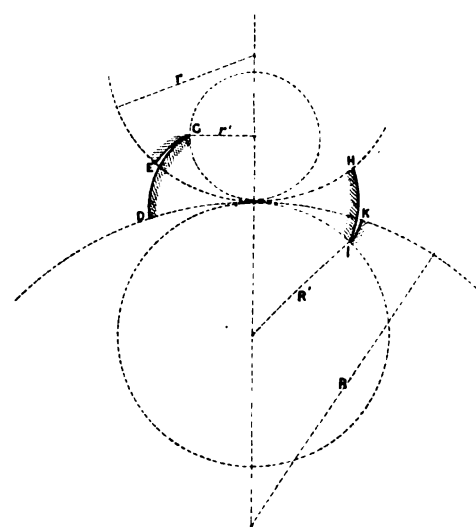


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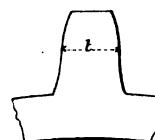
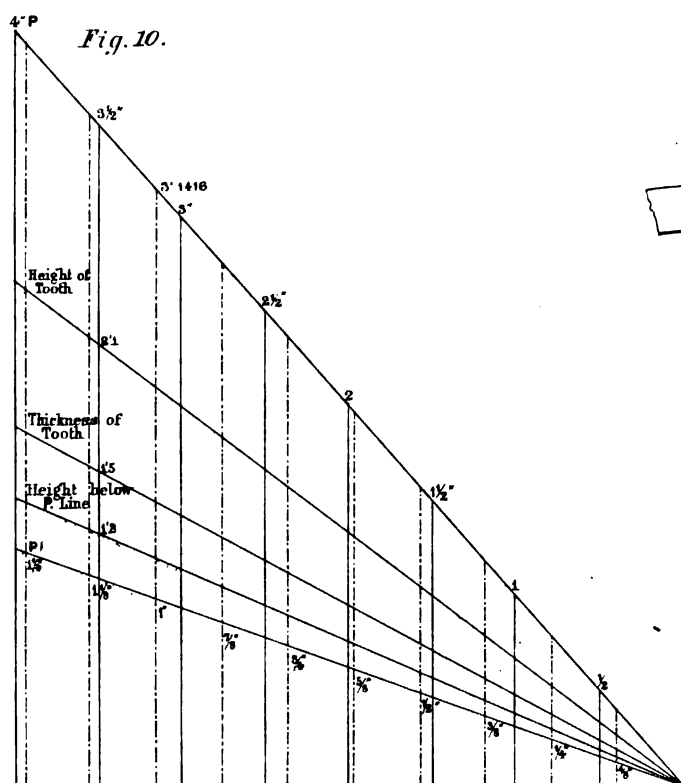


Fig. 11.

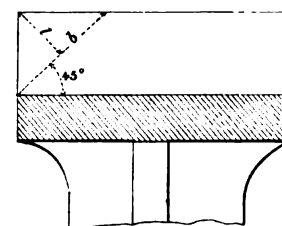


Fig. 18.

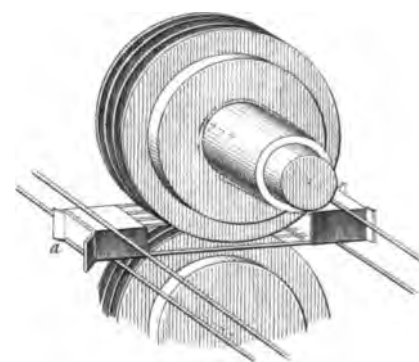


Fig. 17.

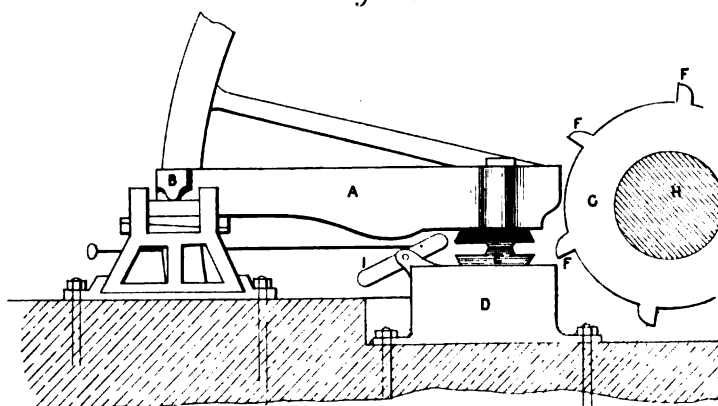


Fig. 19.

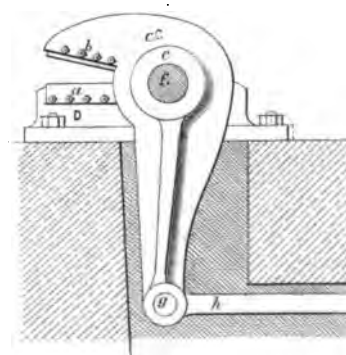


Fig. 1.

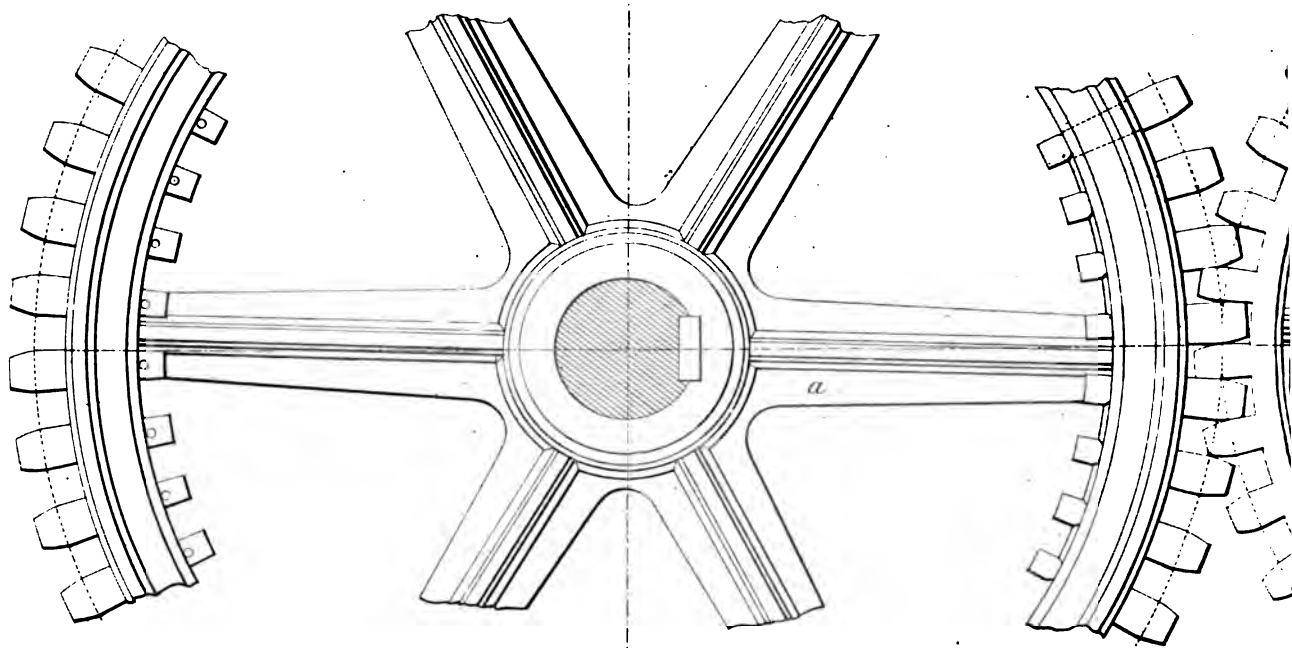


Fig. 2.

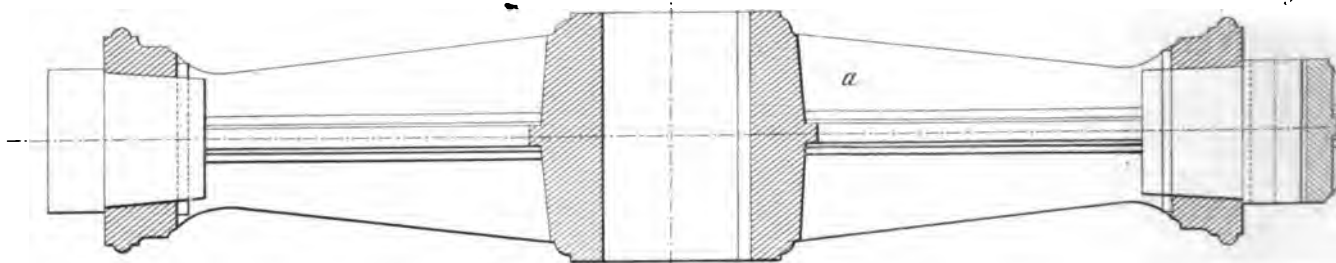
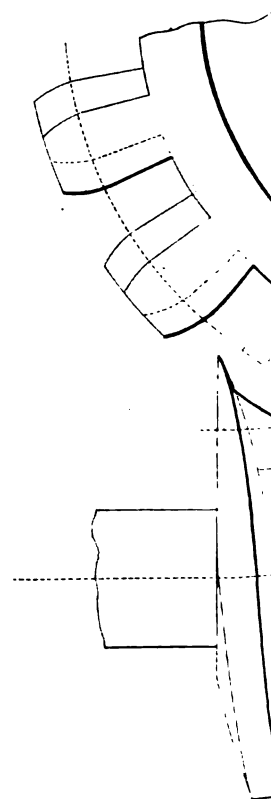
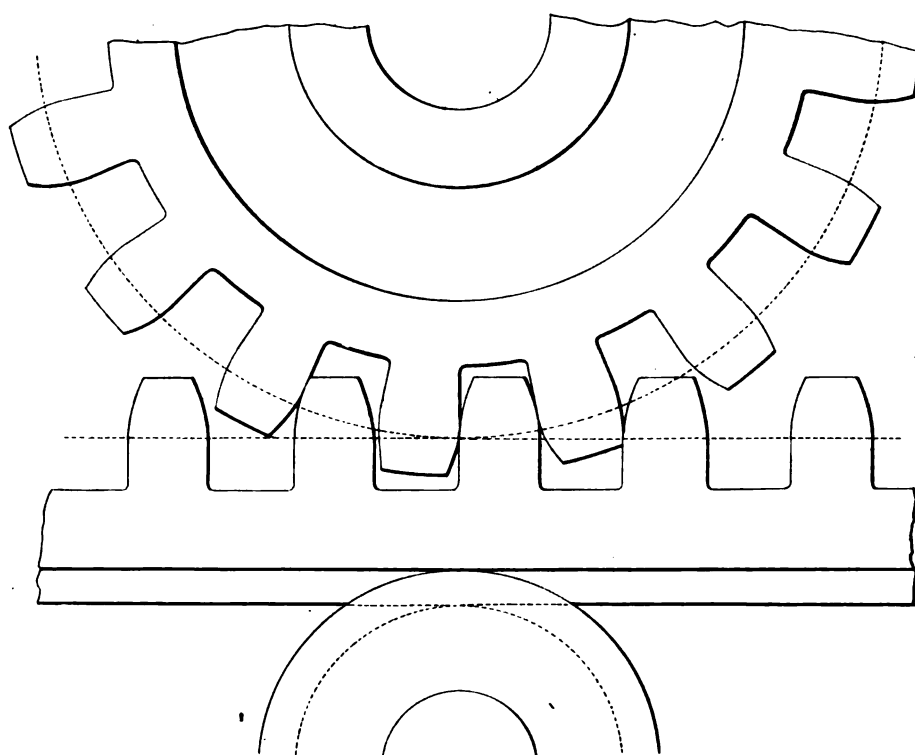


Fig. 5.



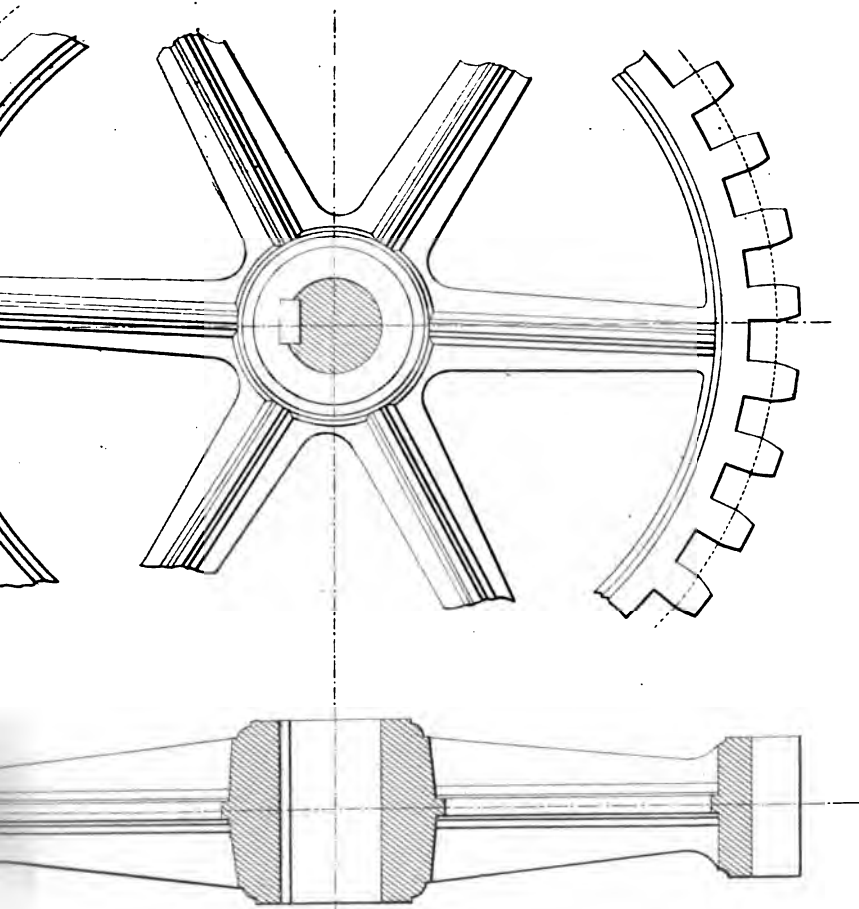


Fig. 6.

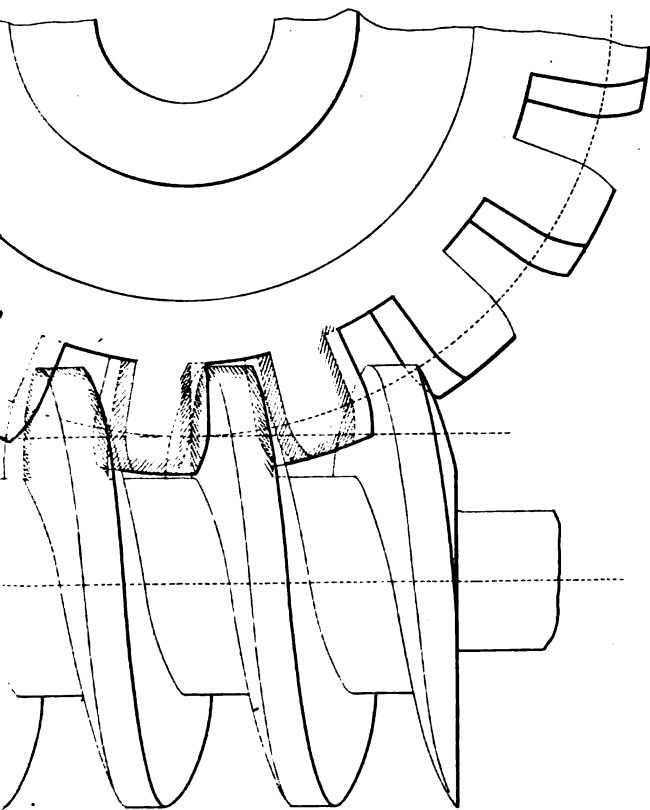


Fig. 3.

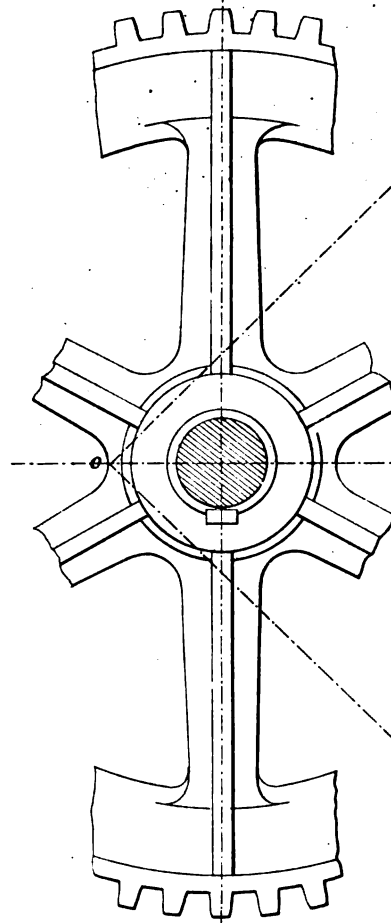


Fig. 4.

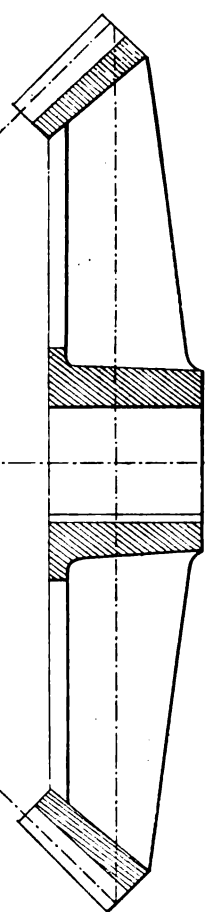


Fig. 7.

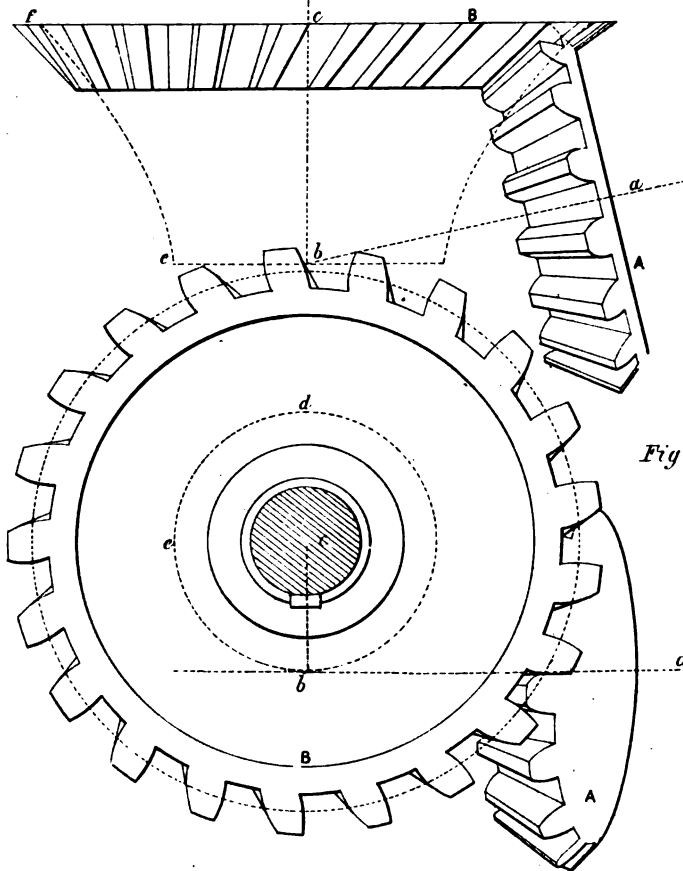


Fig. 8.

Fig. 7.

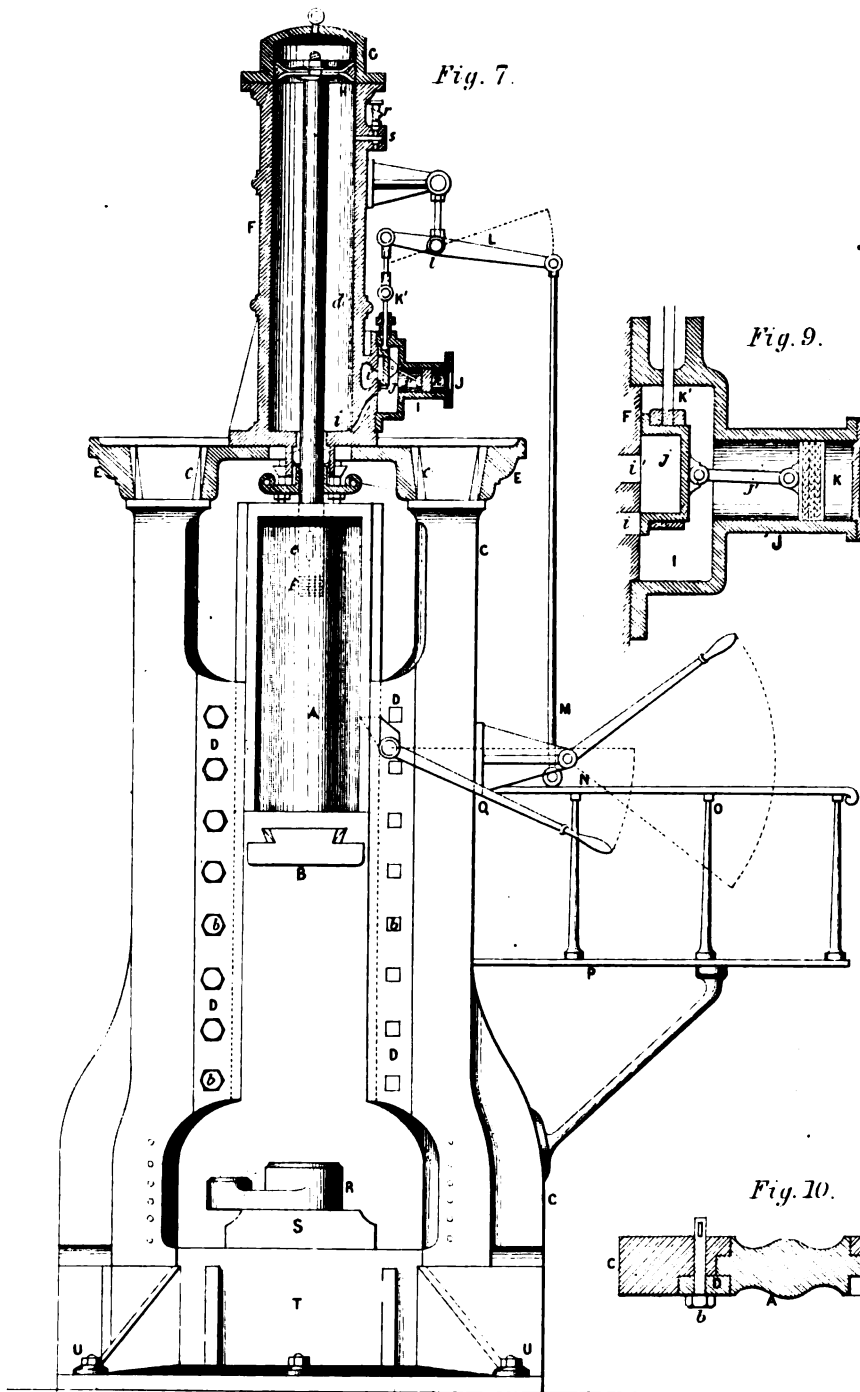


Fig. 9.

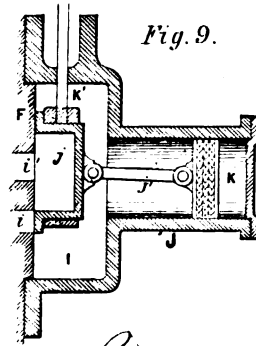


Fig. 10.

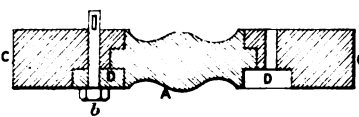


Fig. 8.

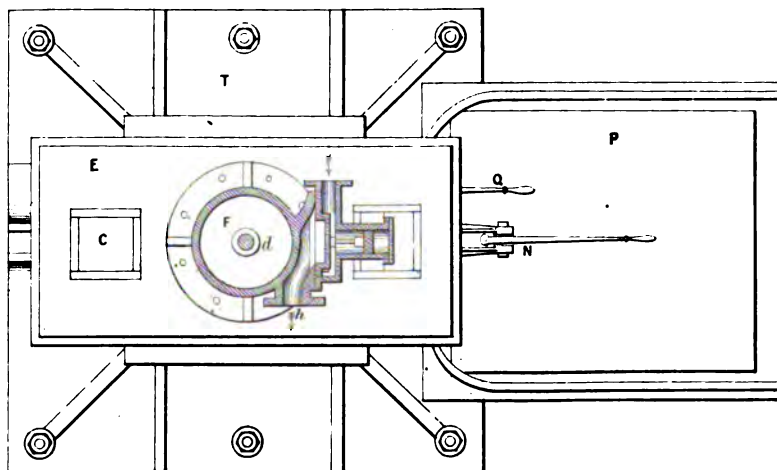


Fig. 1.

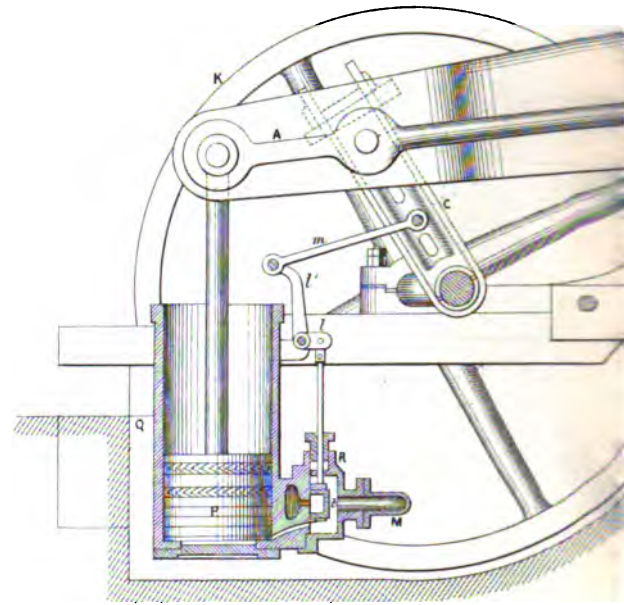


Fig. 2.

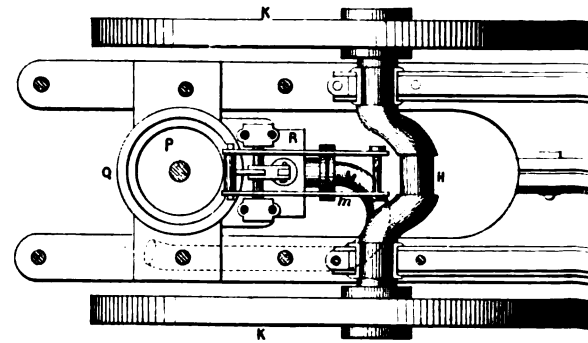


Fig. 3.

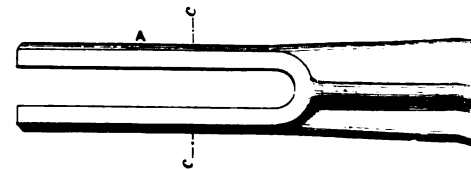


Fig. 6.

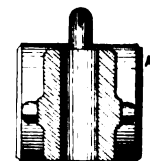
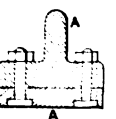
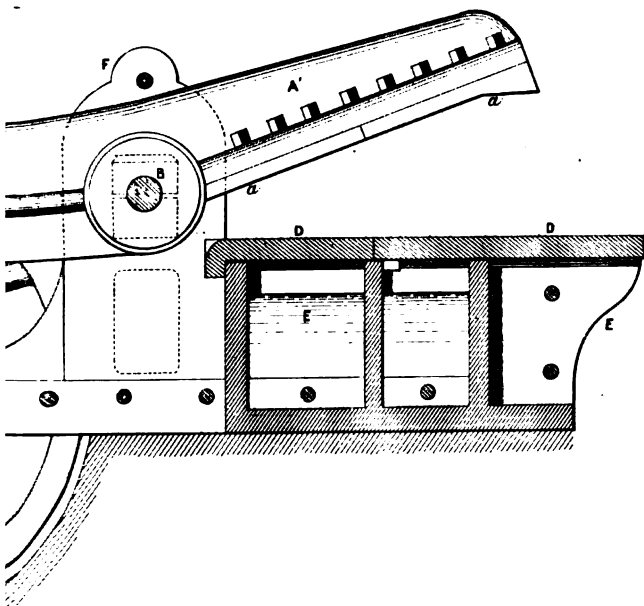


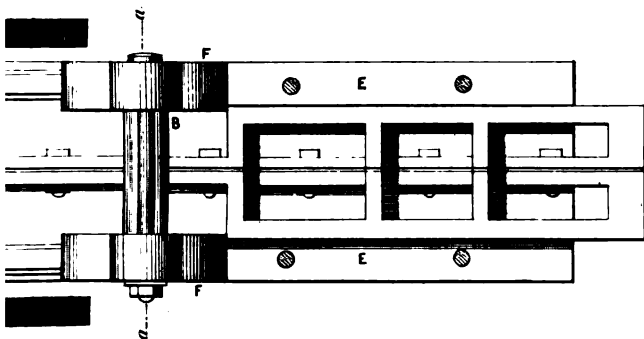
Fig. 5.



Scale to Fig. 1-8.
12" 0 1 2 3 4 5 6 7 8 Feet



2.



3.

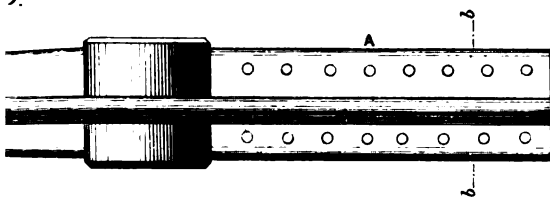


Fig. 4.

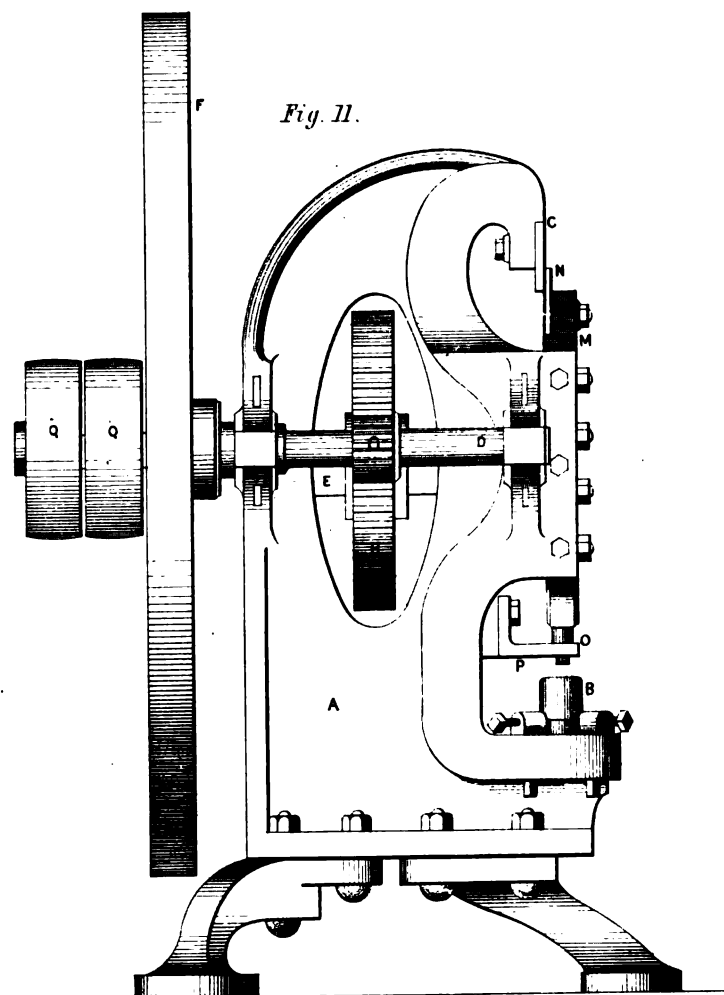
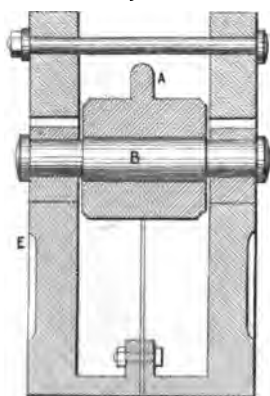
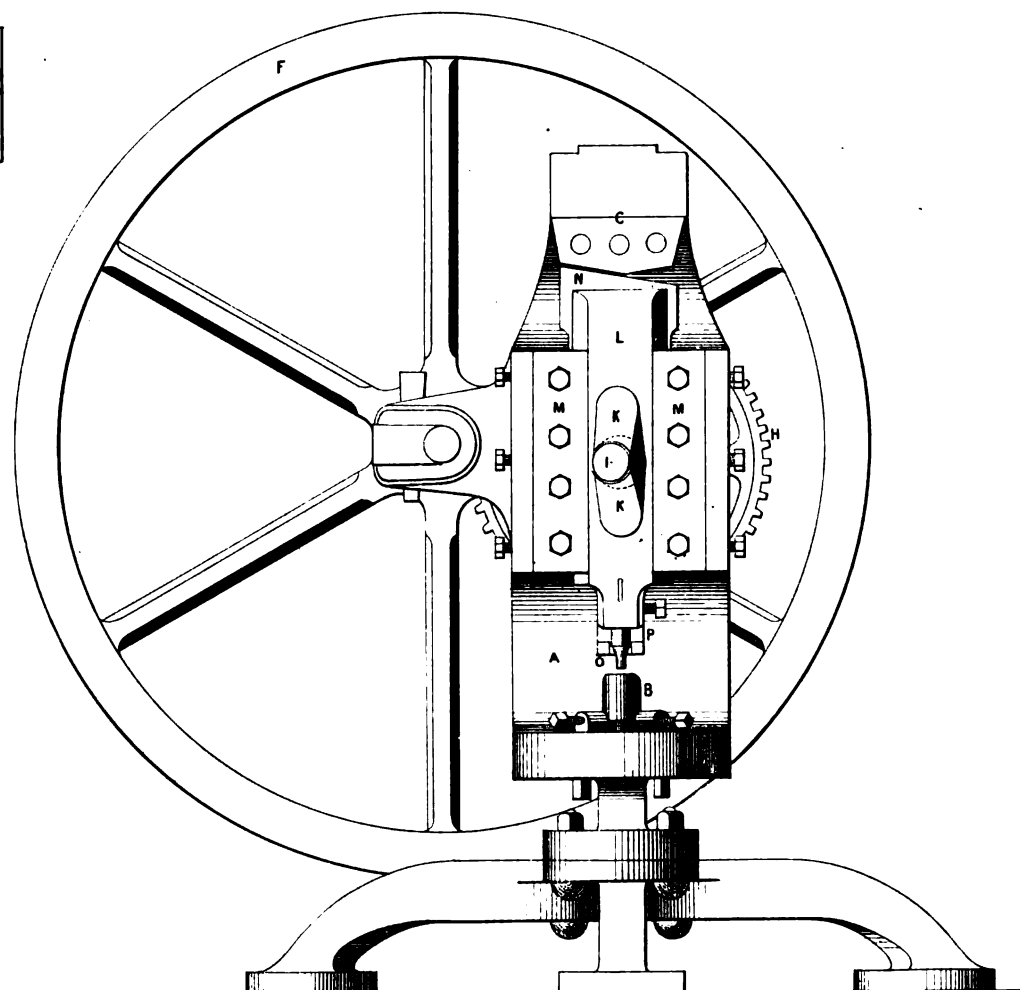
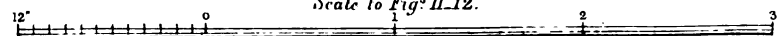


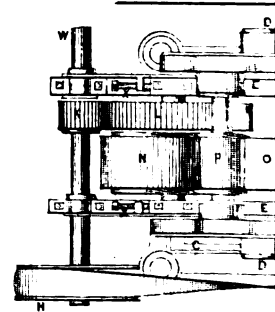
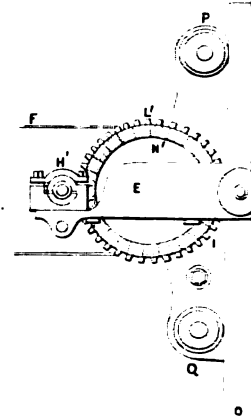
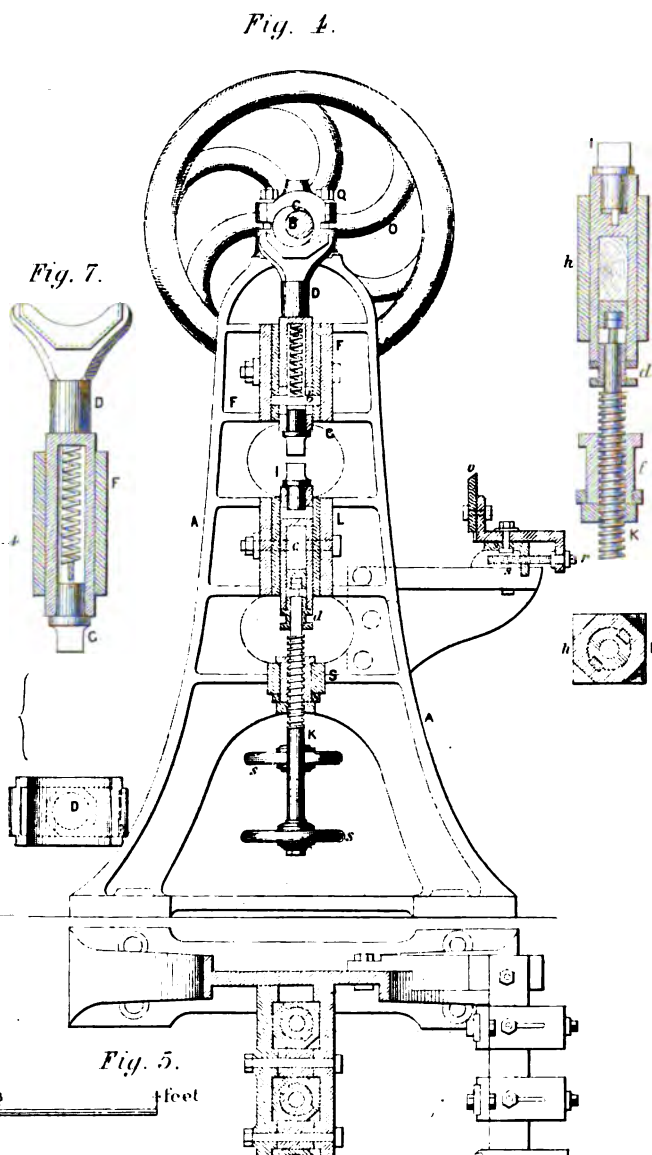
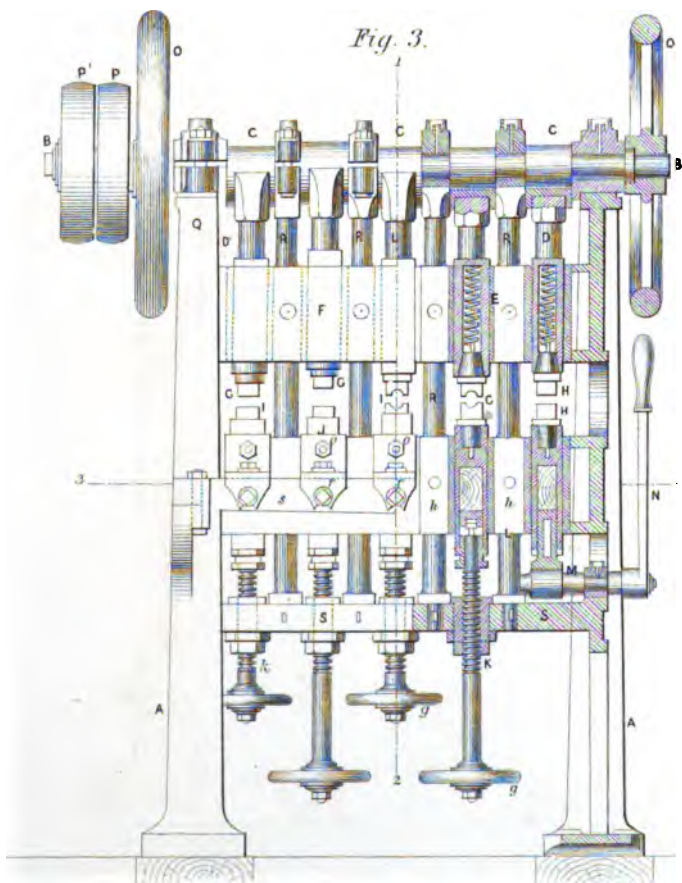
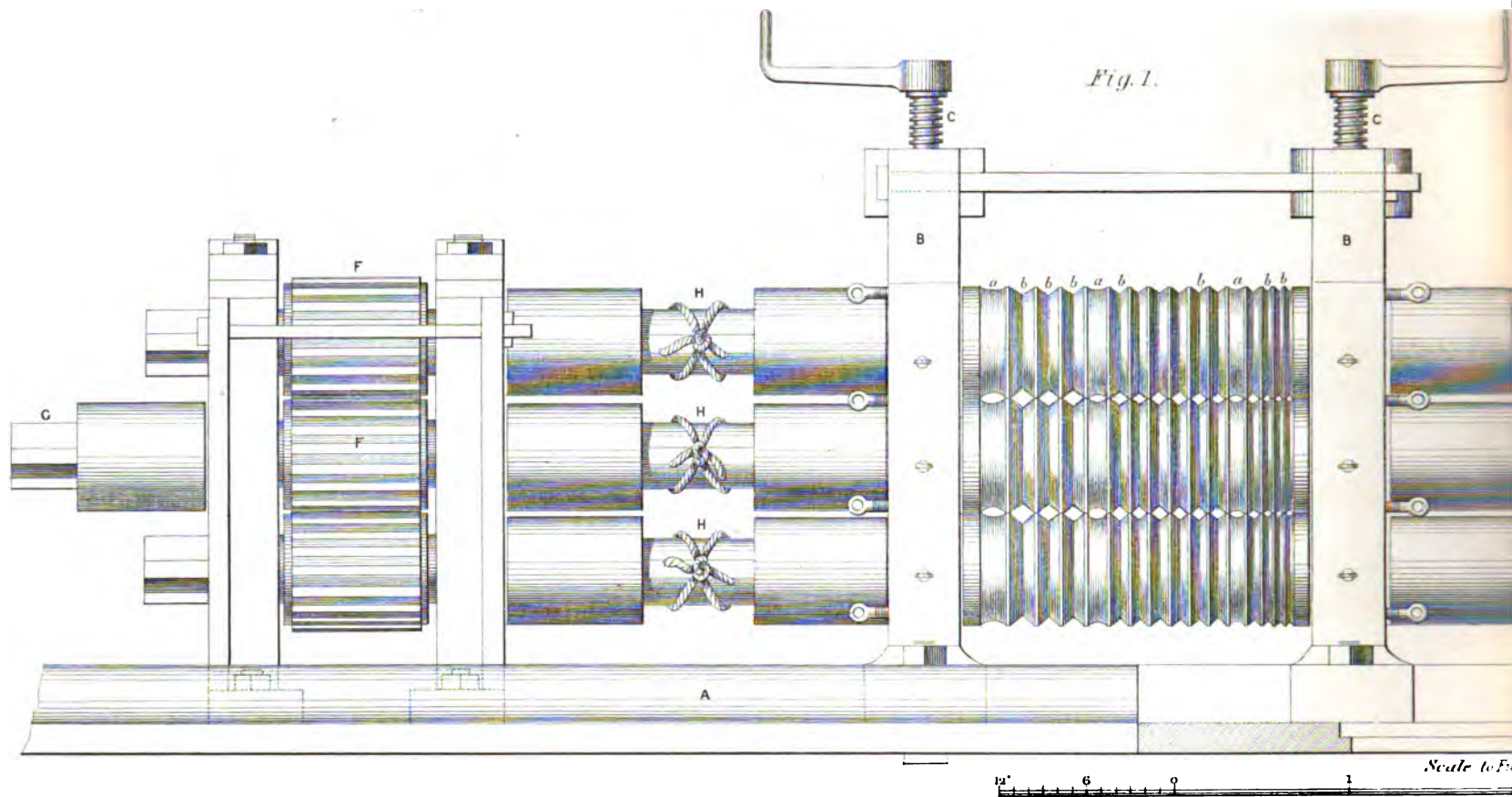
Fig. 11.

Fig. 12.



Scale to Fig. 11-12.





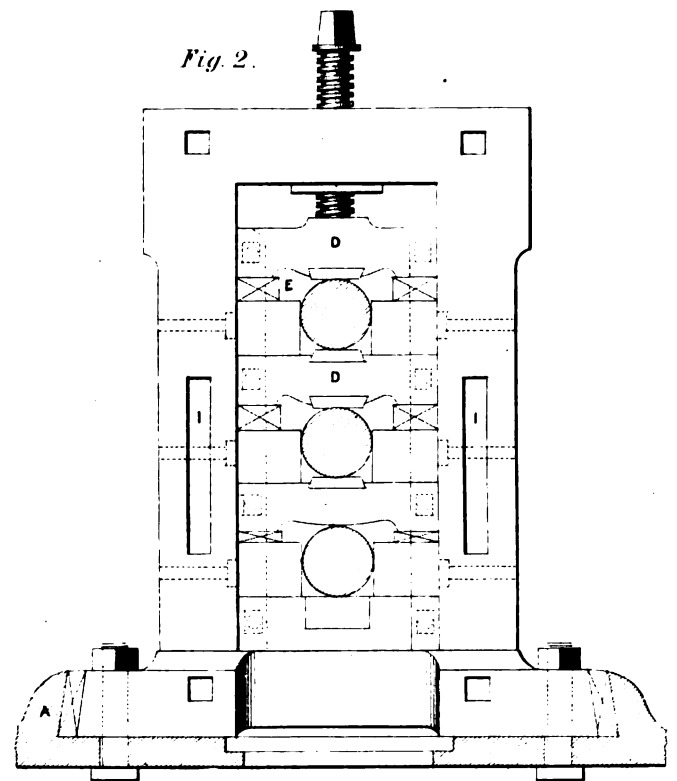
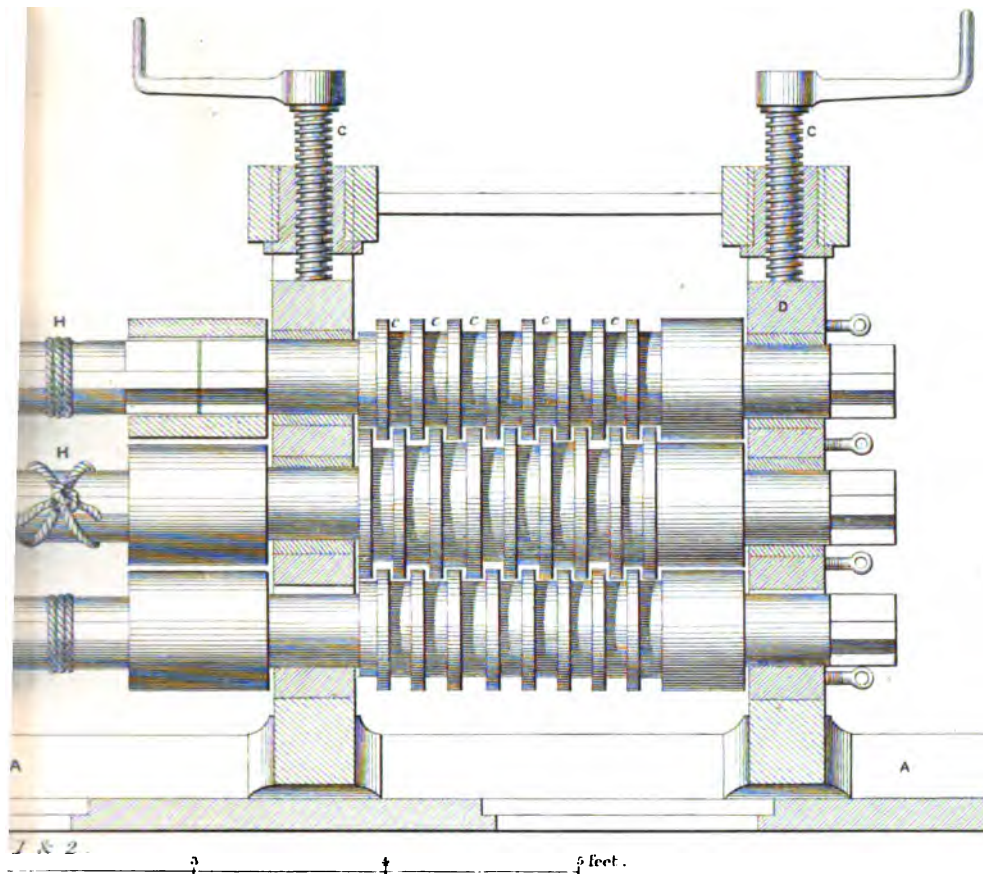


Fig. 11.

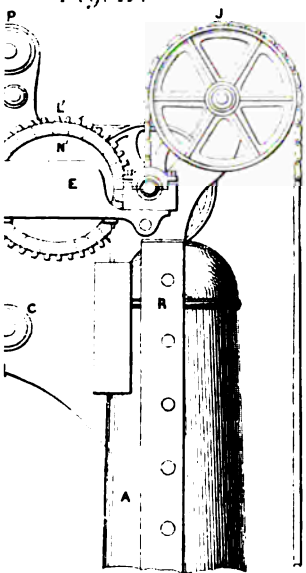


Fig. 8.

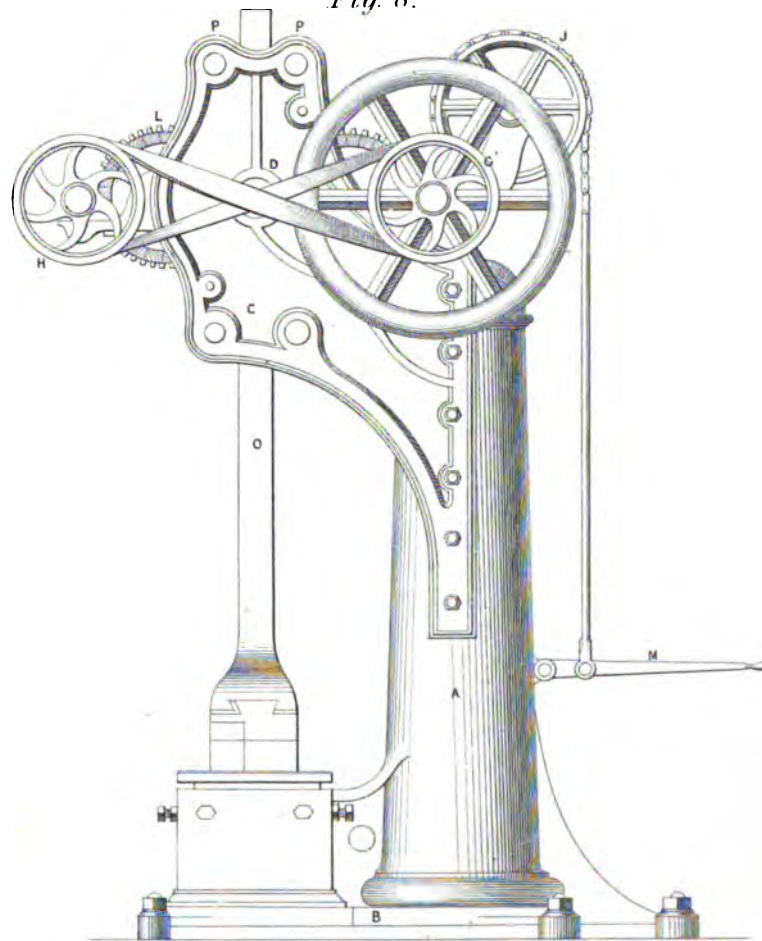


Fig. 9.

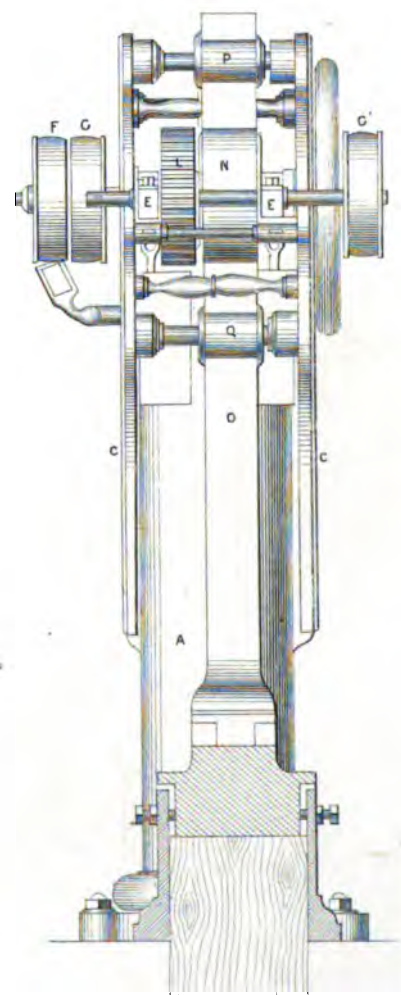
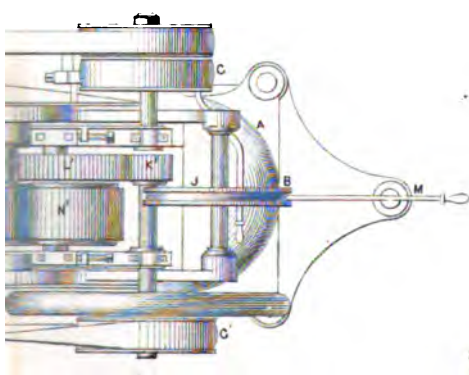


Fig. 10.



Scale to Fig. 8 & 11.

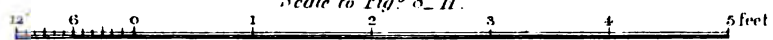


Fig 1.

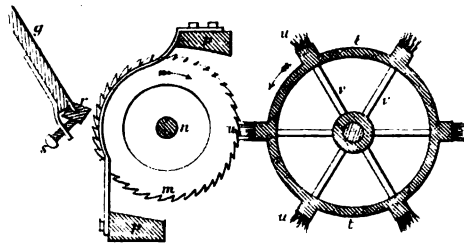


Fig. 5.

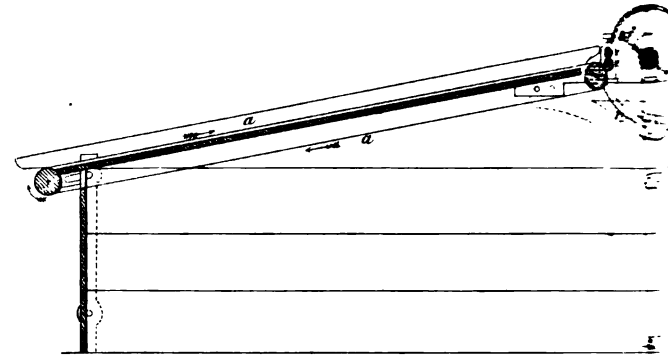


Fig. 2.

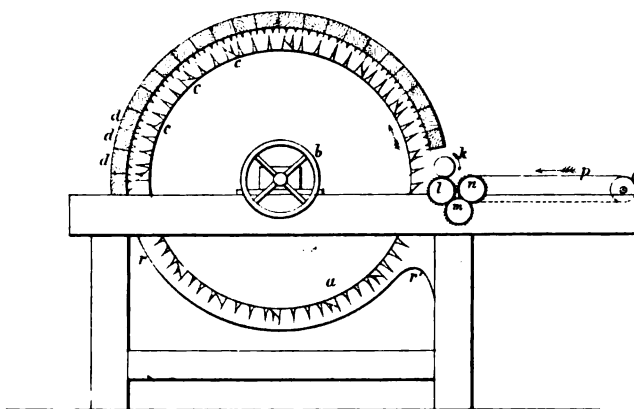


Fig 10.

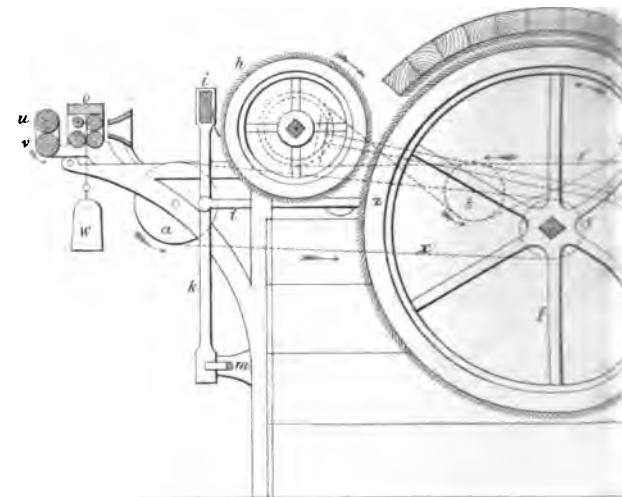


Fig. 3.

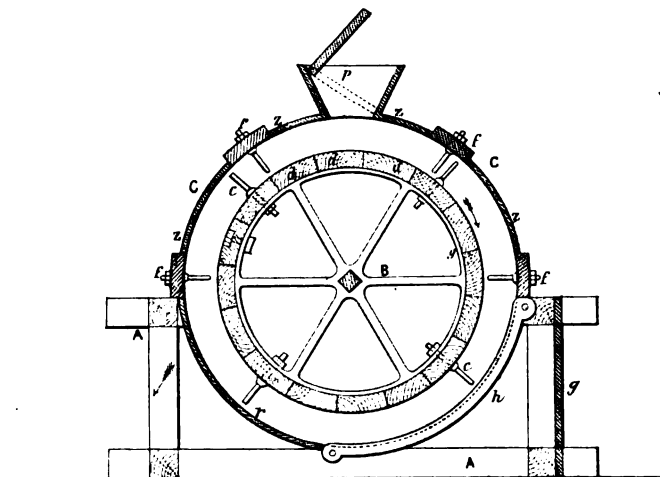


Fig. 4.

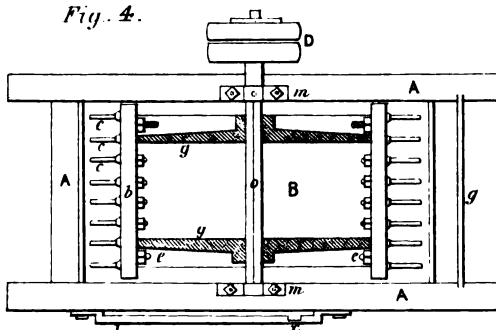
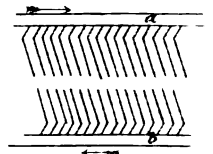


Fig. 6.



Fig

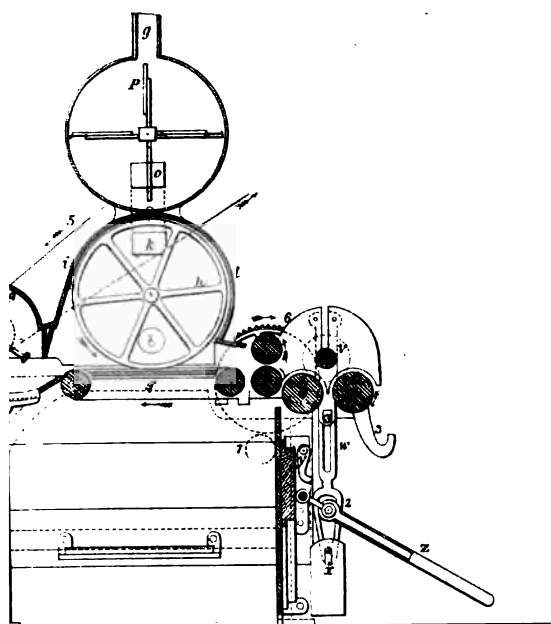


Fig. 9.

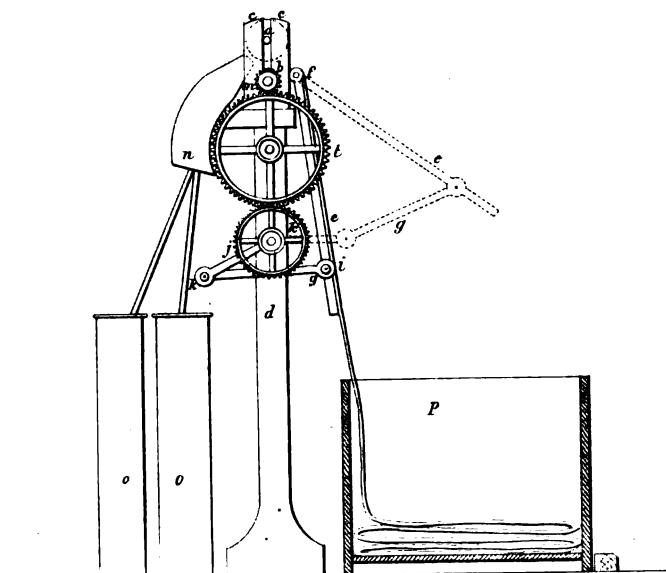


Fig. 11.

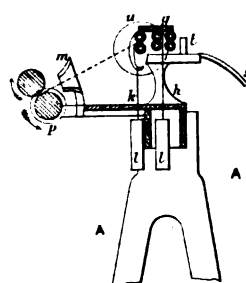


Fig. 12.

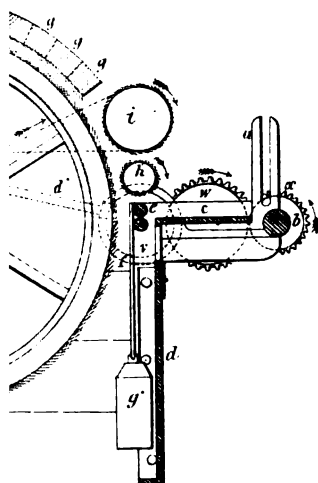
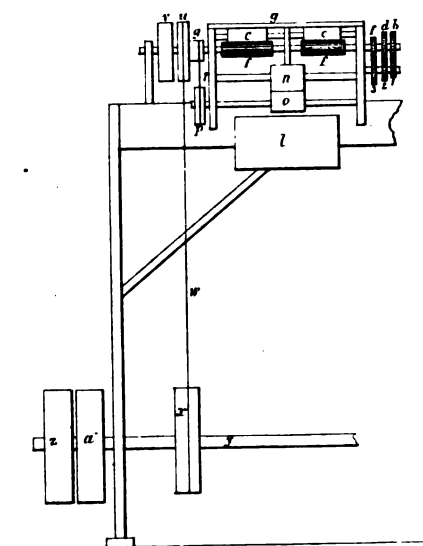


Fig. 13.

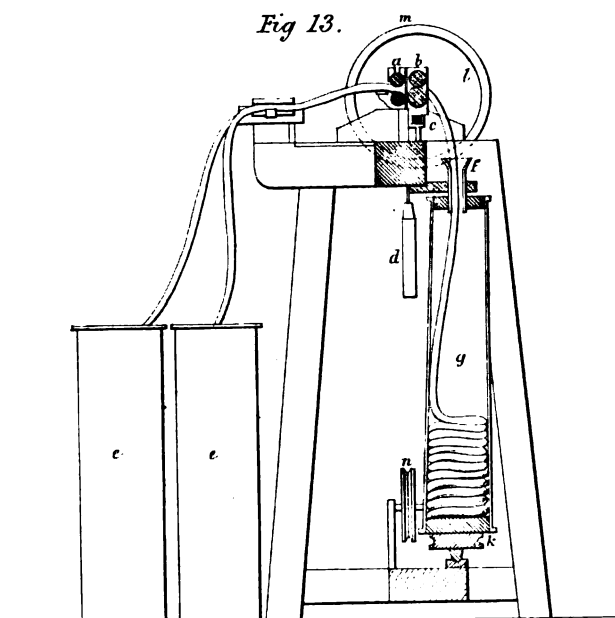
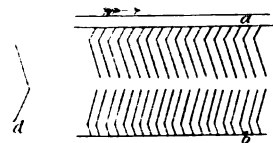


Fig. 8.



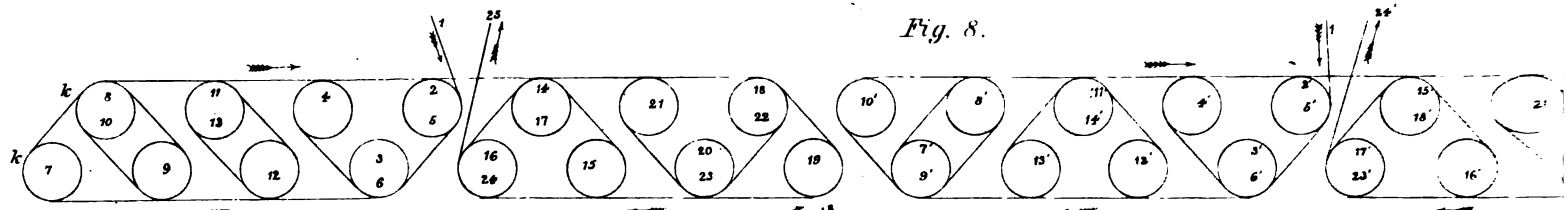


Fig. 8.

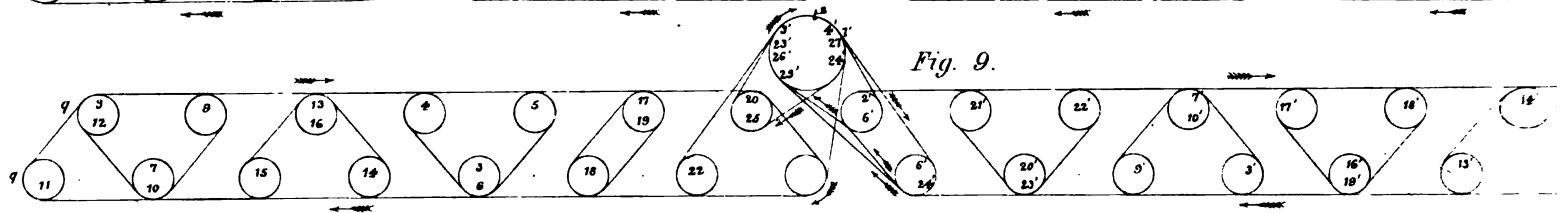


Fig. 9.

Fig. 3.

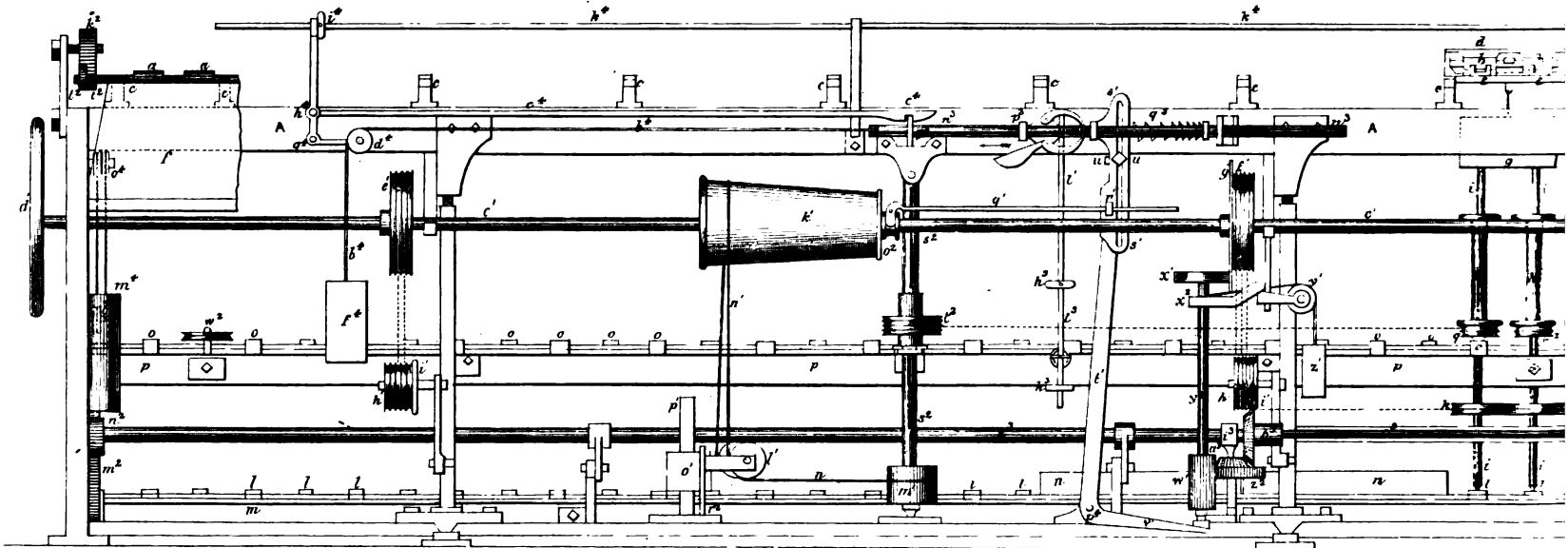


Fig. 5.

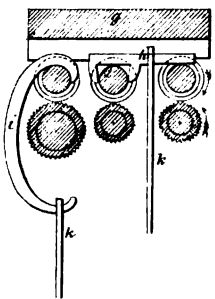


Fig. 6.

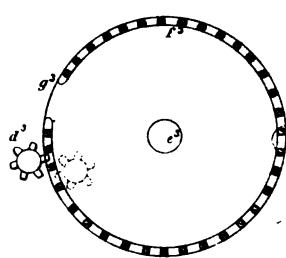


Fig. 7.

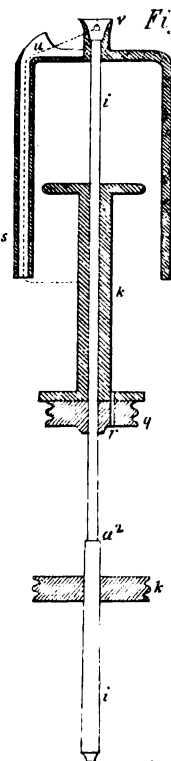


Fig. 12.

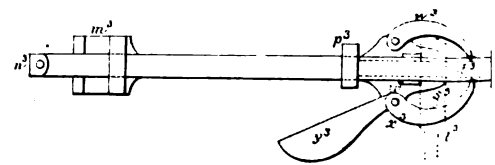


Fig. 13.

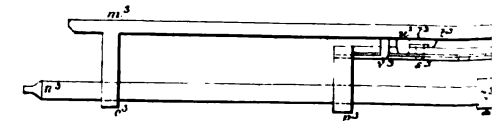


Fig. 14.

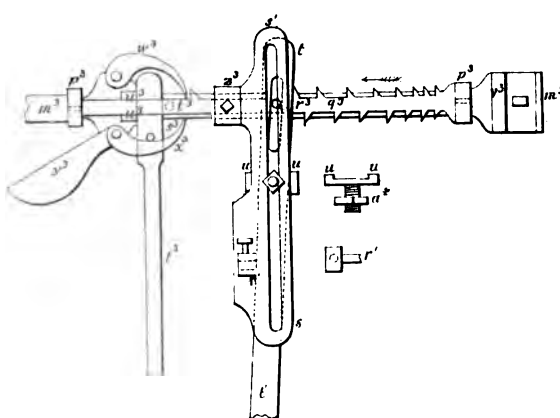
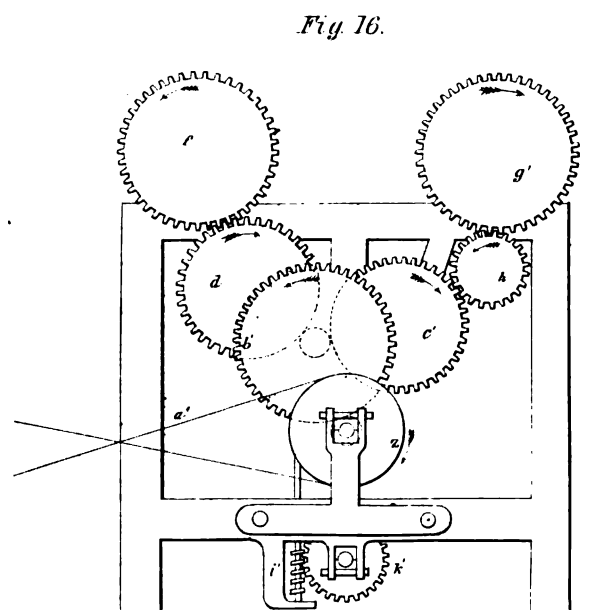
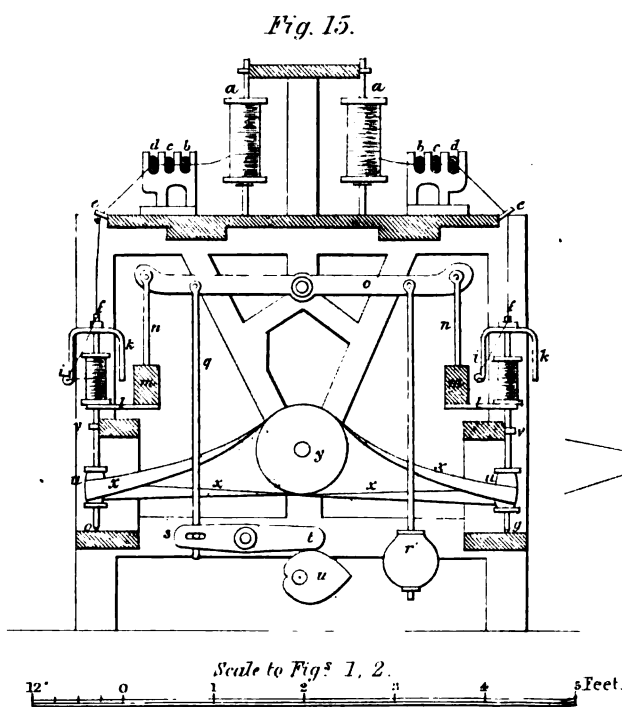
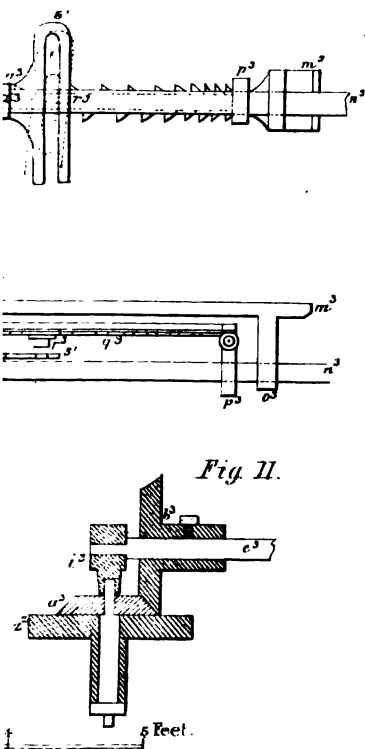
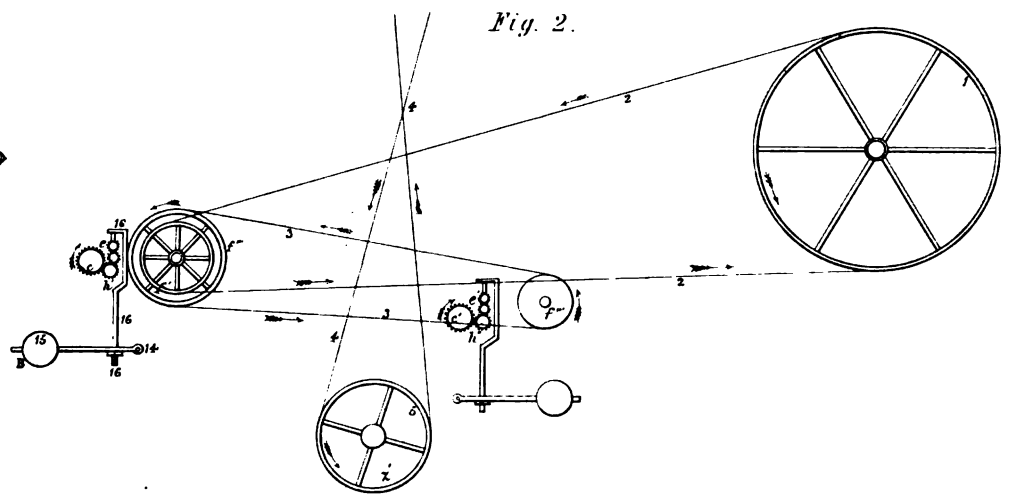
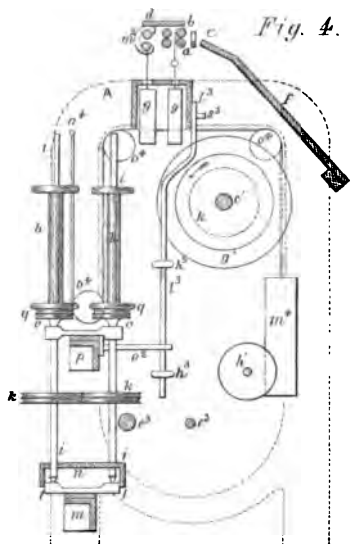
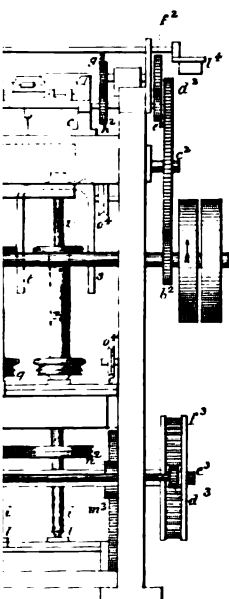
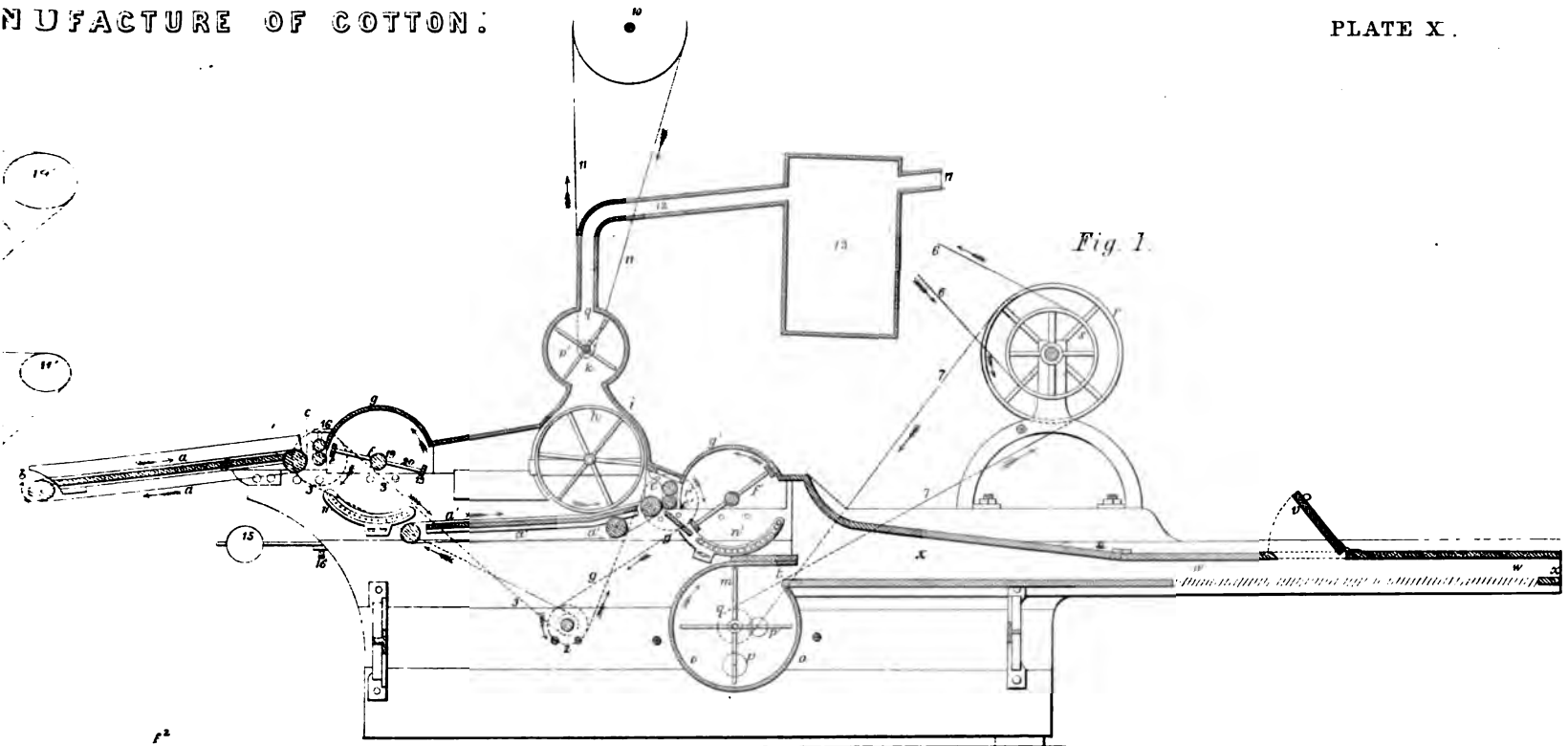


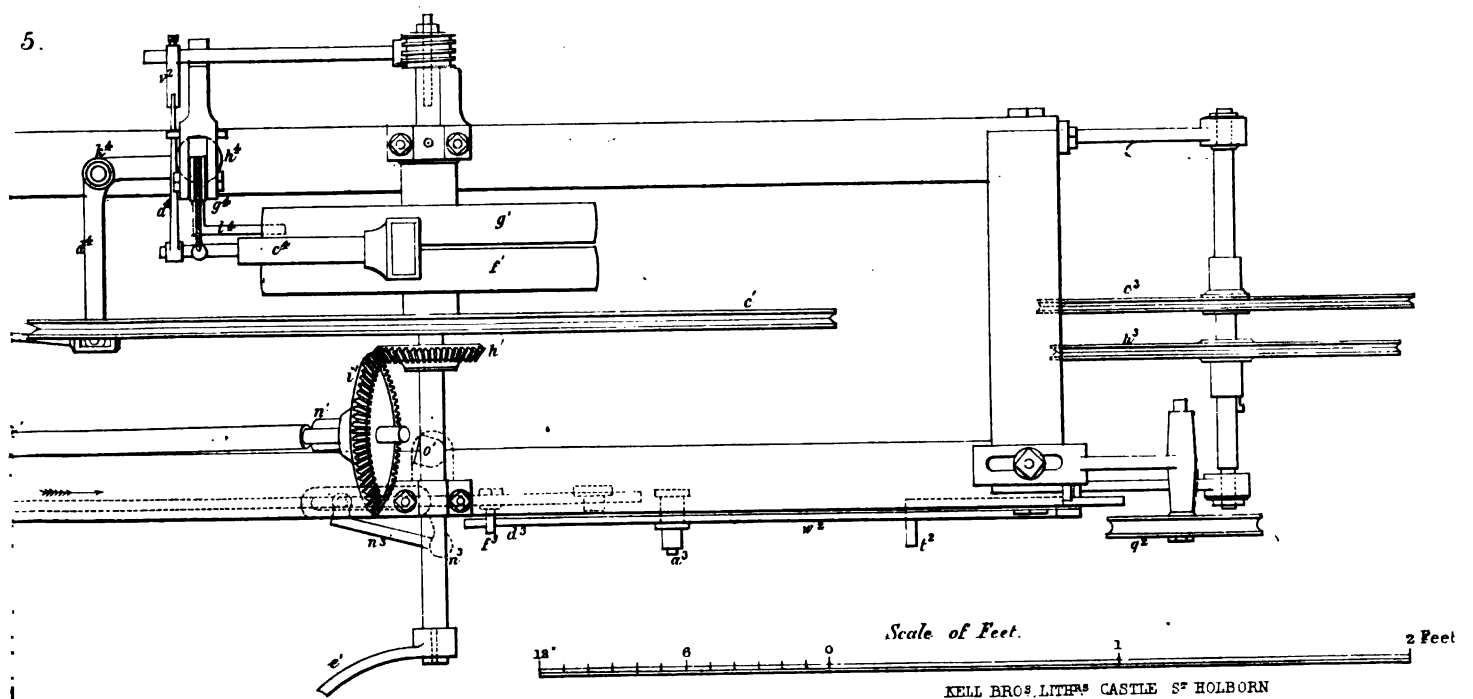
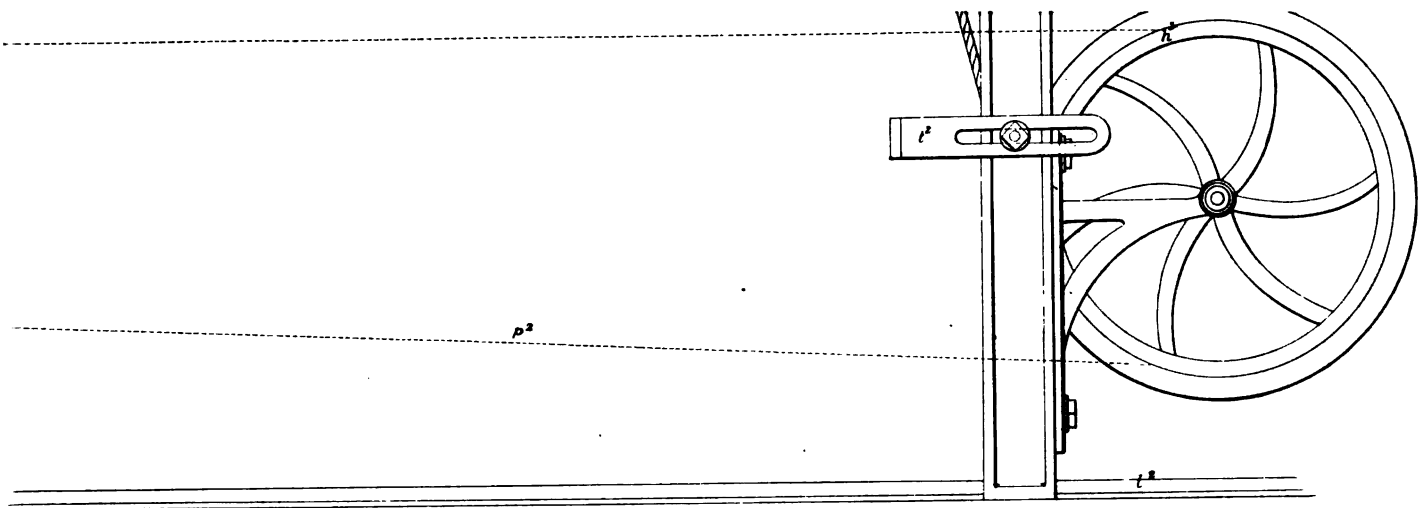
Fig. 10.



Scale to Fig. 3 48, 910, 15, 16.



Scale to Figs 1, 2.



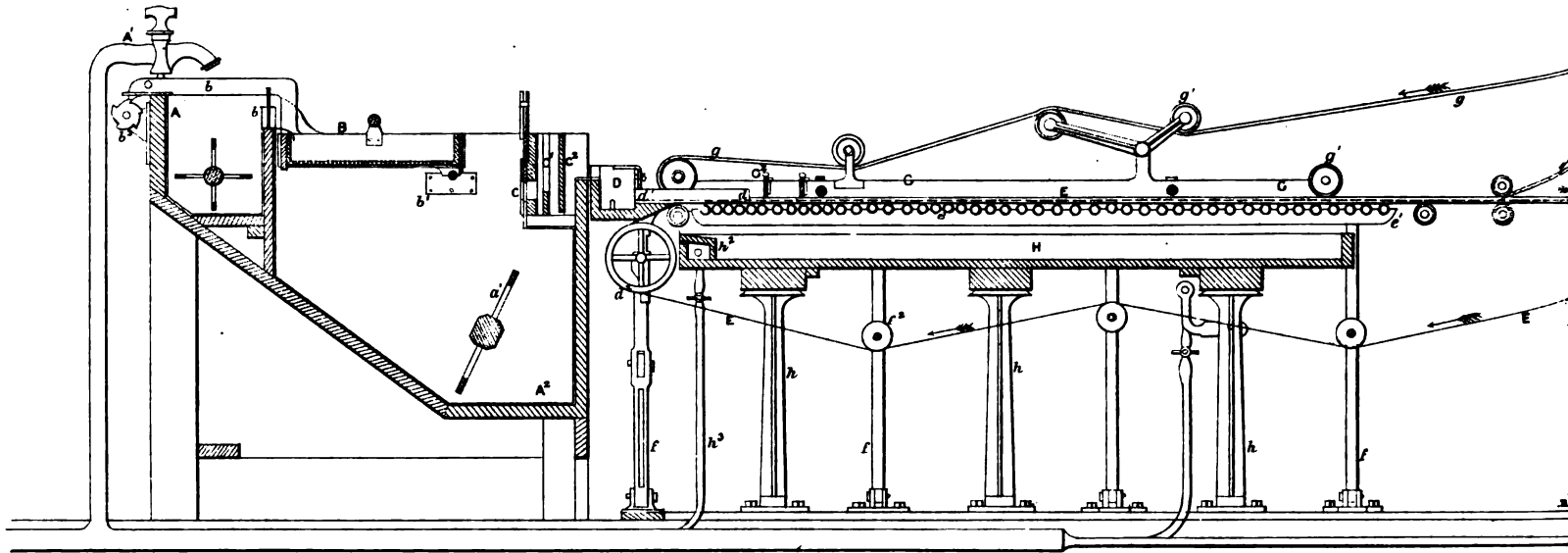


Fig. II.

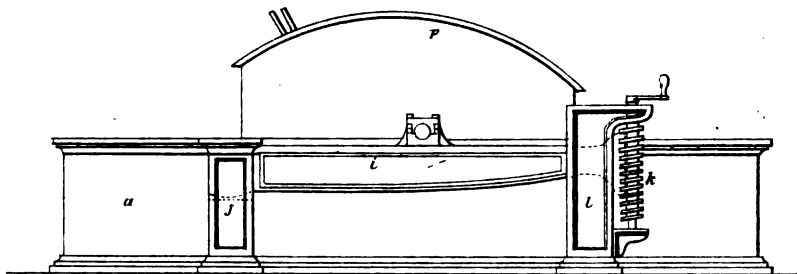


Fig. III.

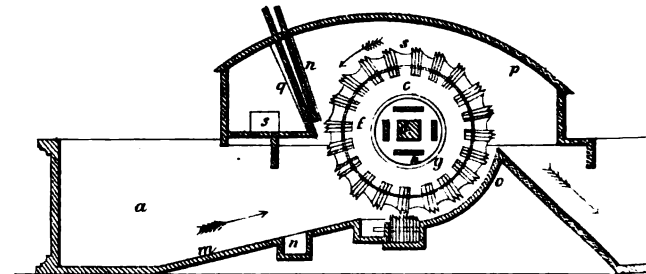


Fig. IV.

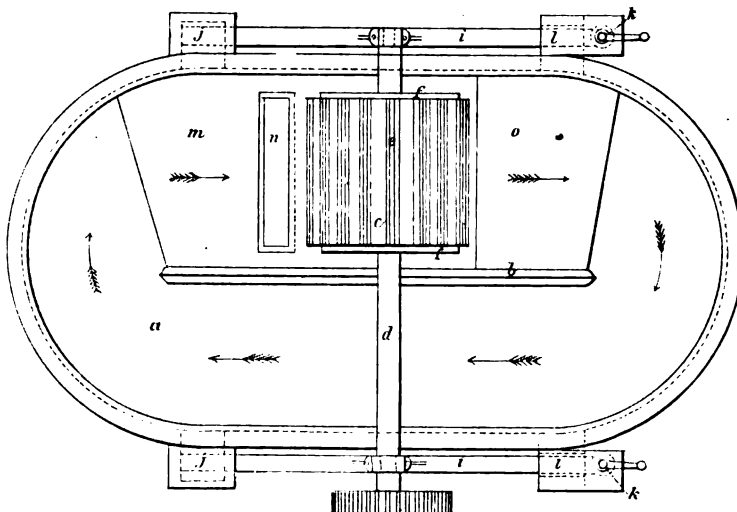


Fig. V.

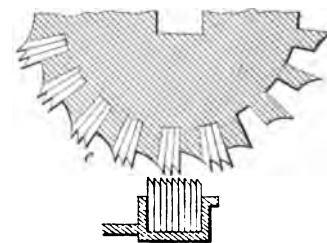
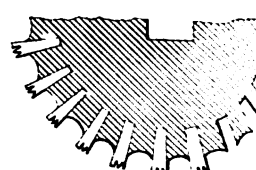
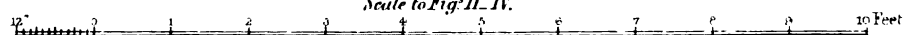


Fig. VI.



Scale to Fig. II. IV.



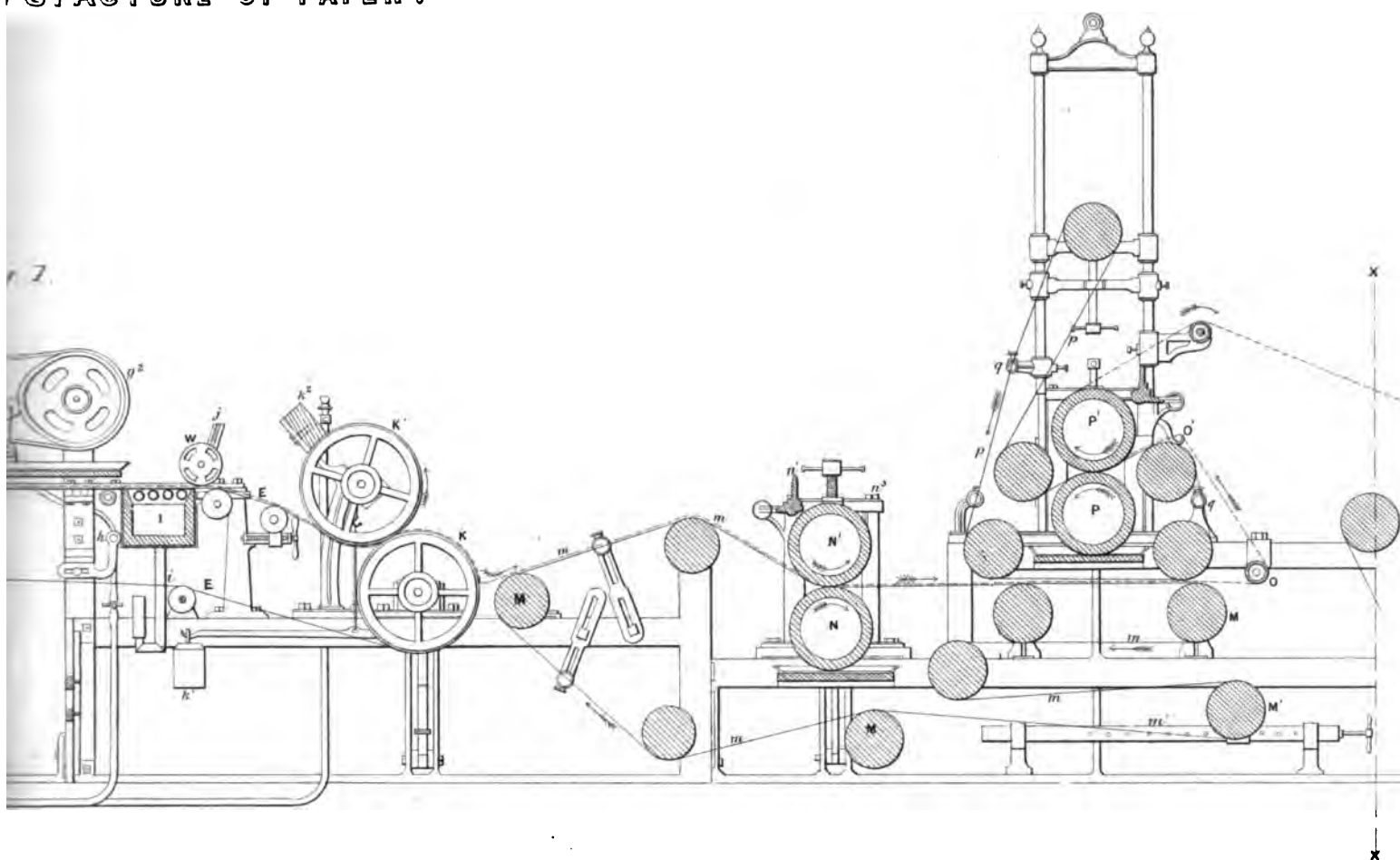


Fig. 1.

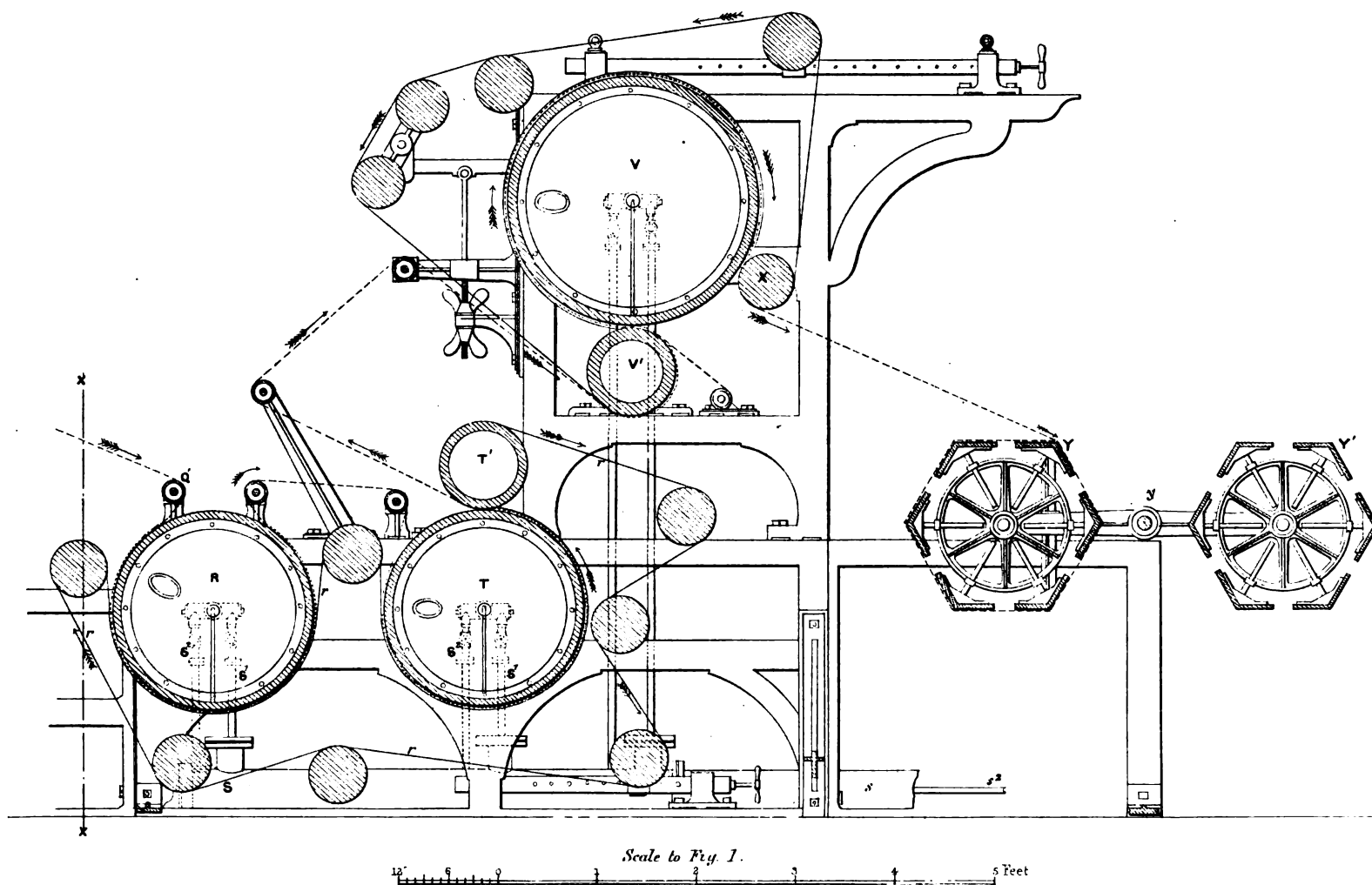
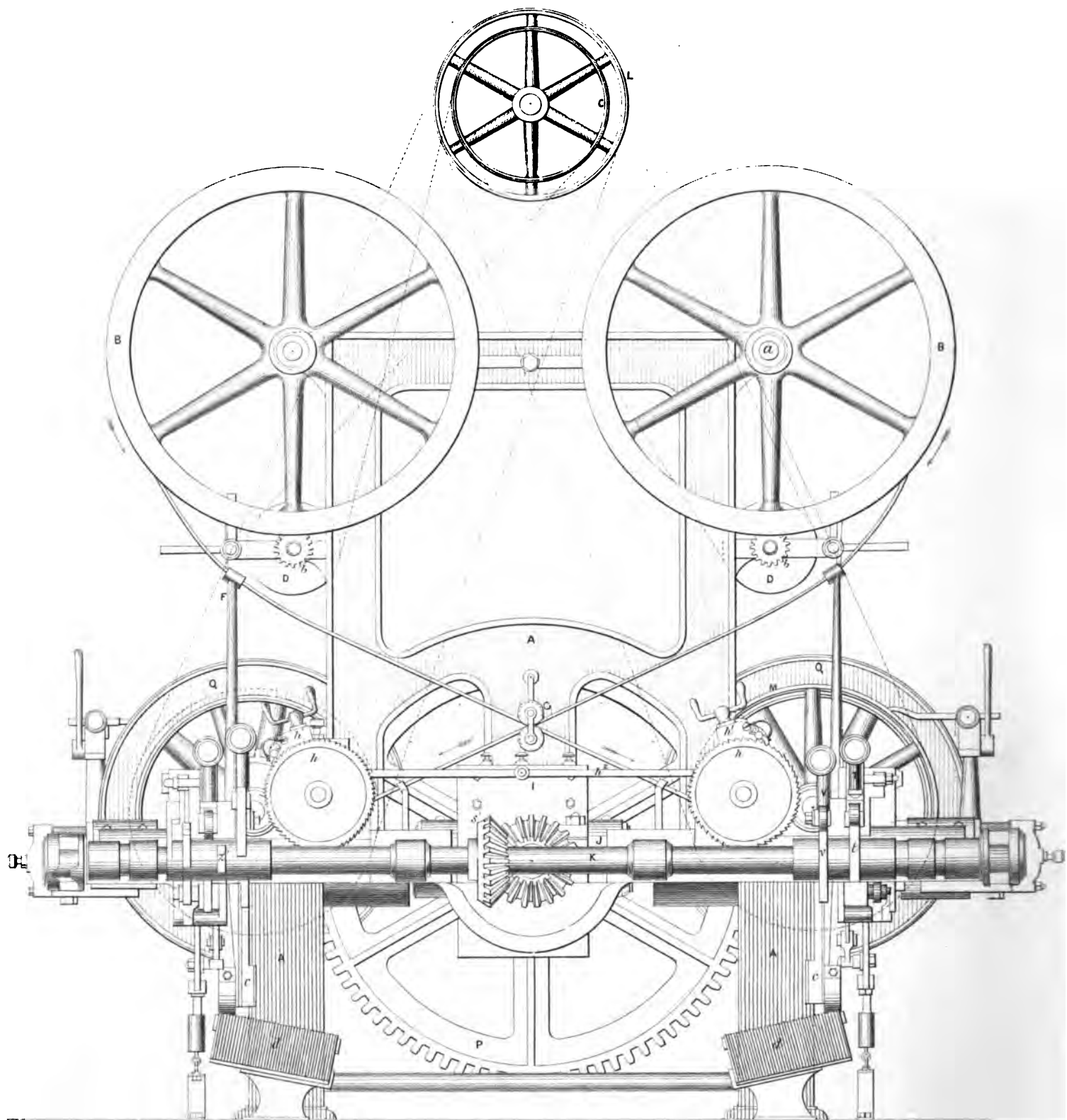
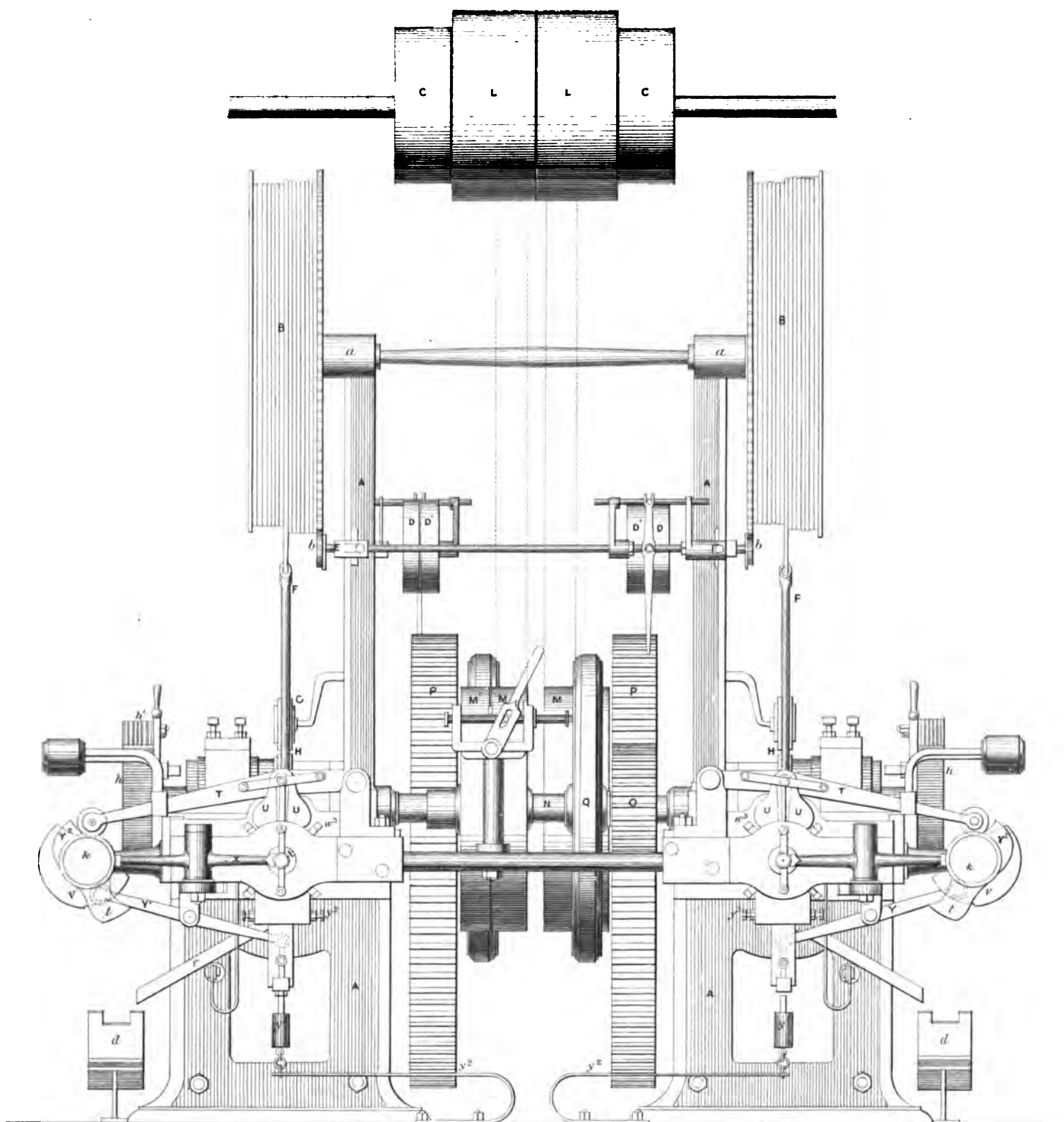


Fig. 1.



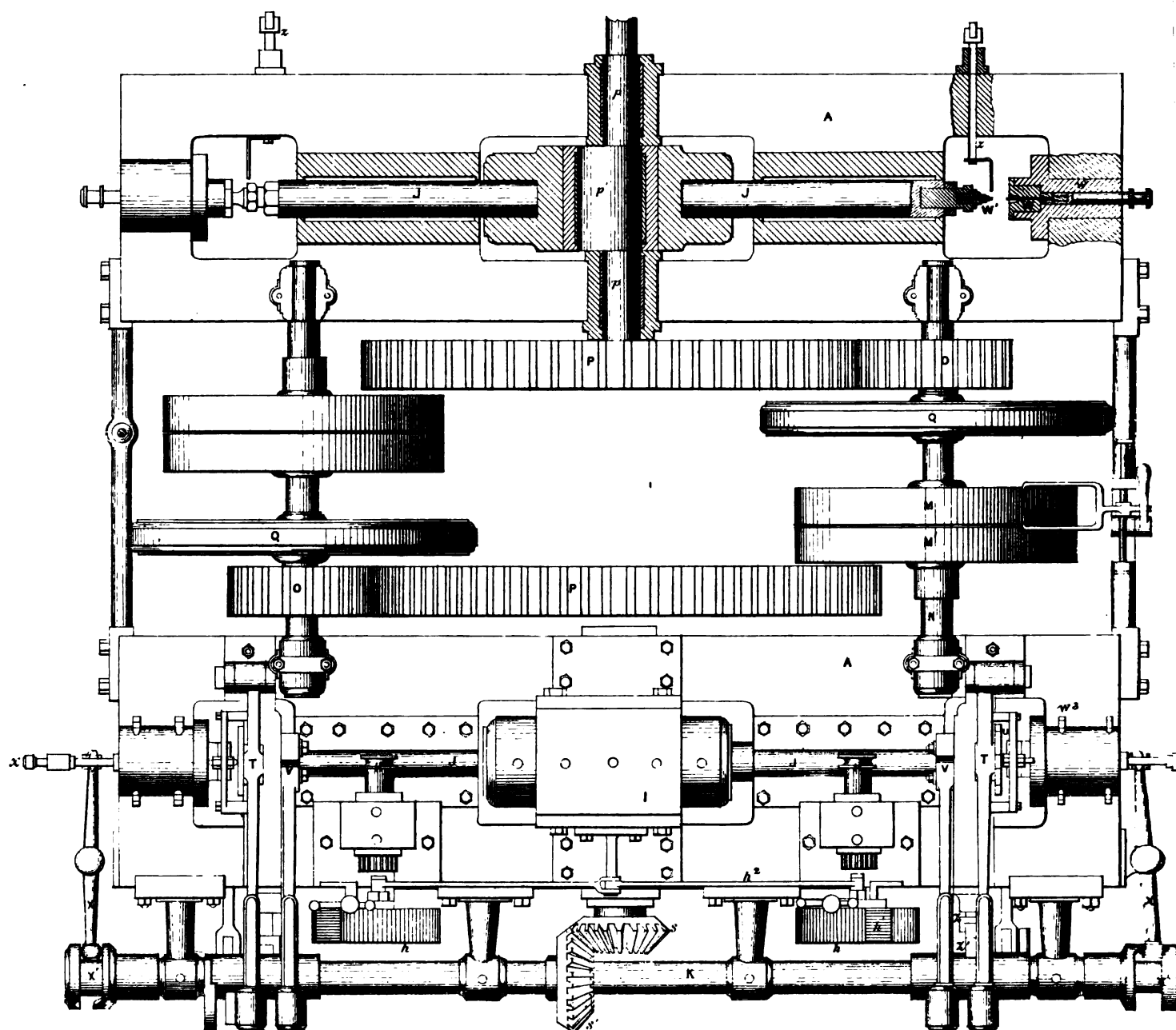
12 1 2 3 4

Fig. 2.



5 6 7 8 9 10 feet

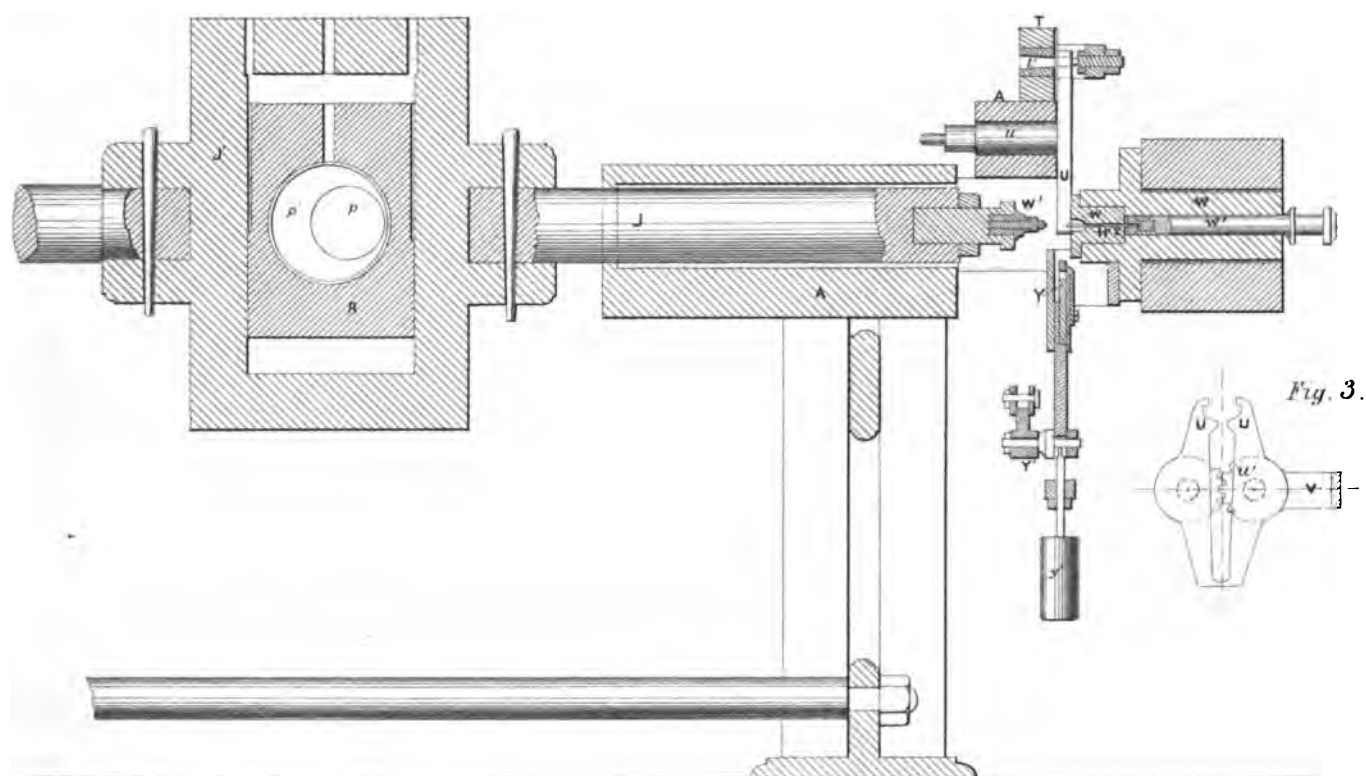
Fig. 1.



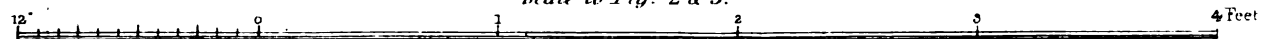
Scale to Fig. 1.



Fig. 2.



Scale to Fig^s 2 & 3.



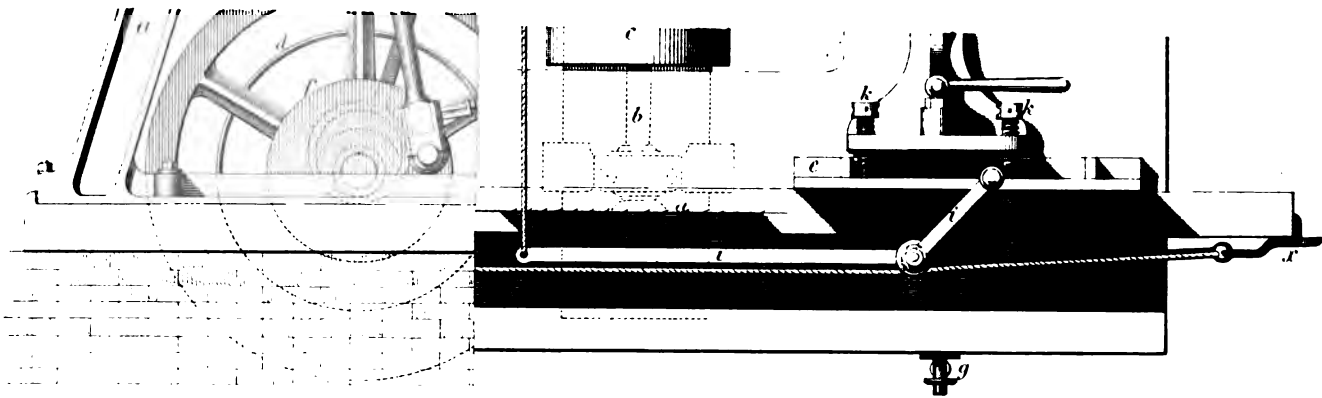


Fig. 7.

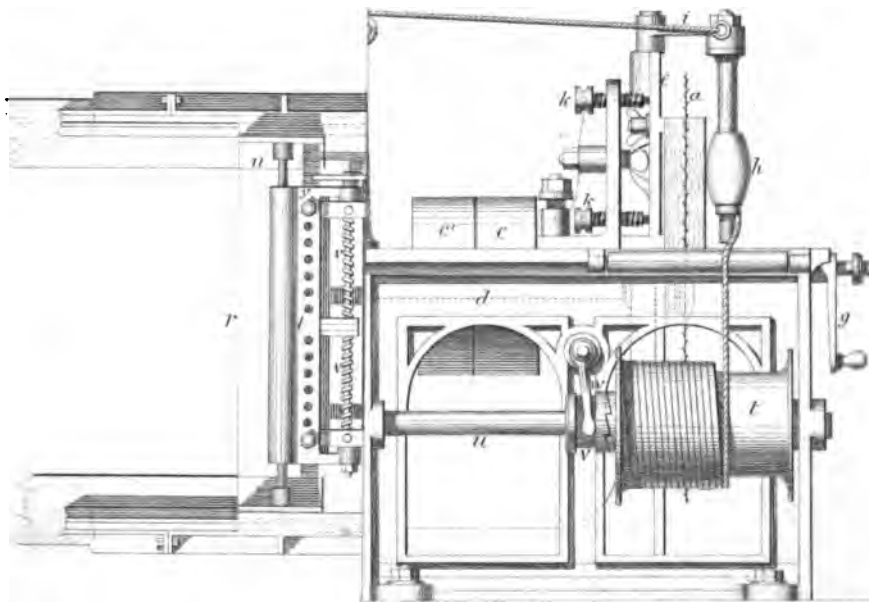


Fig. 8.

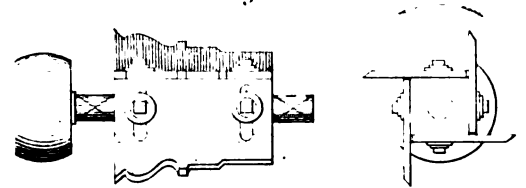


Fig. 1.

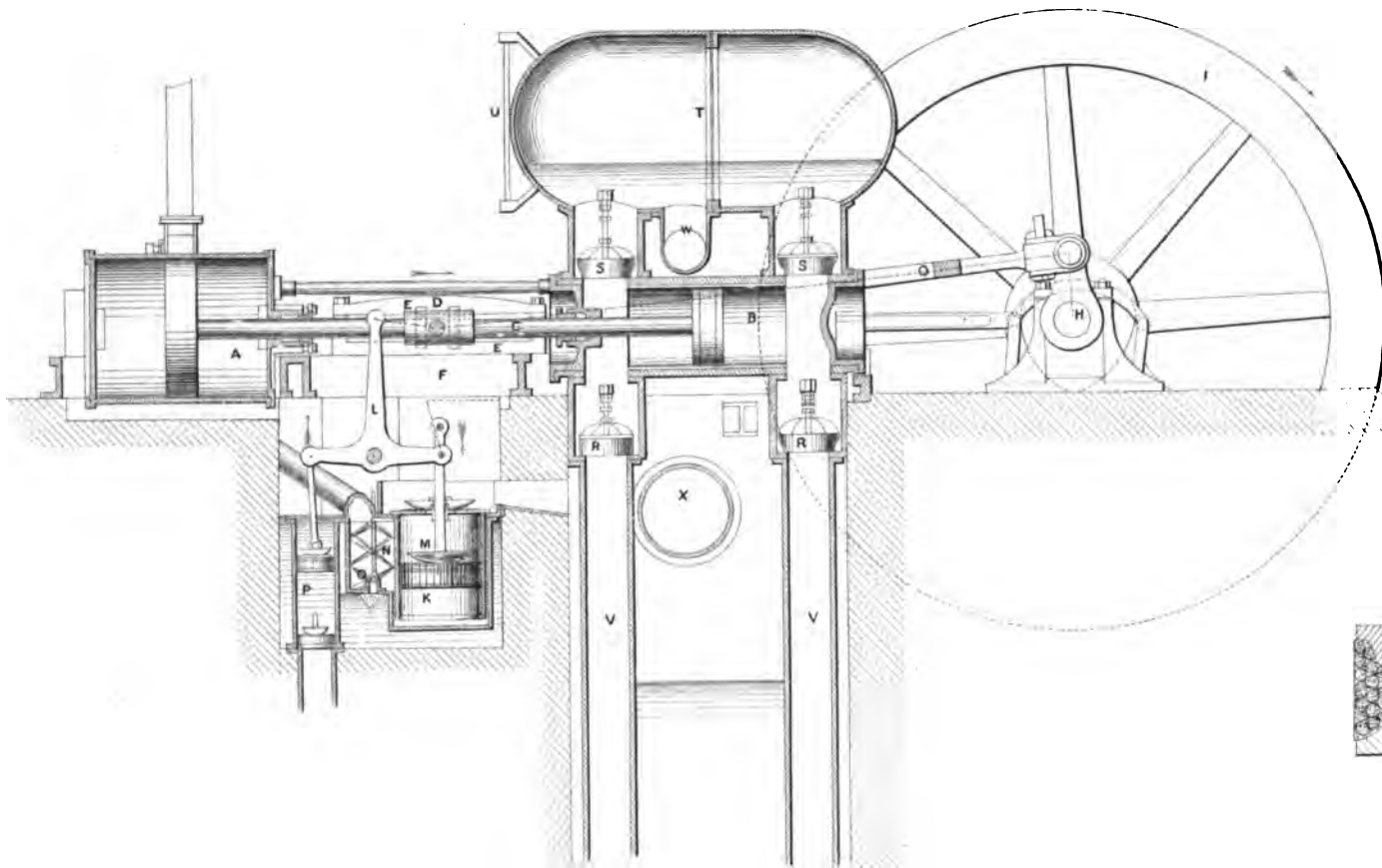


Fig. 14.

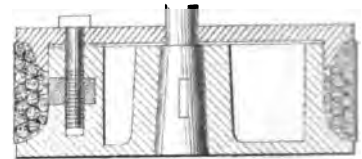


Fig. 13.

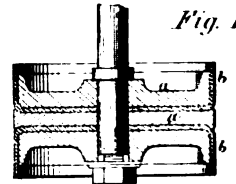


Fig. 12.



Fig. 3.

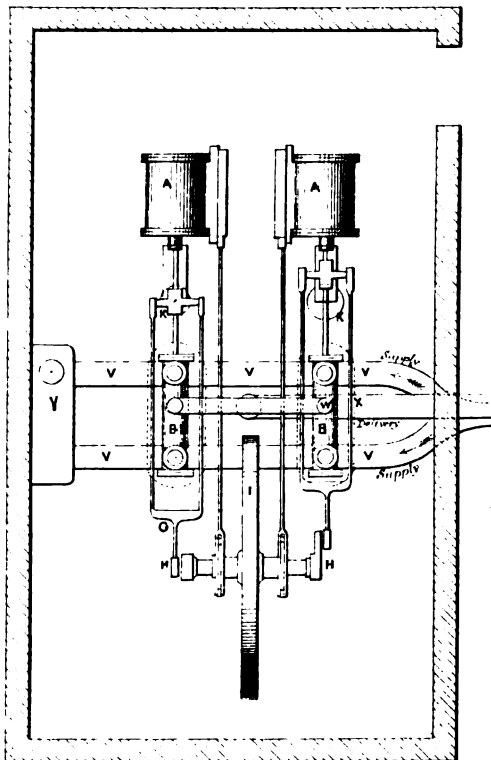


Fig. 4.

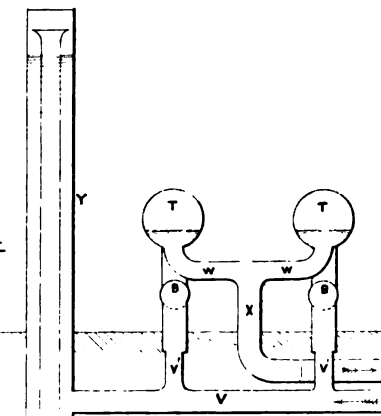
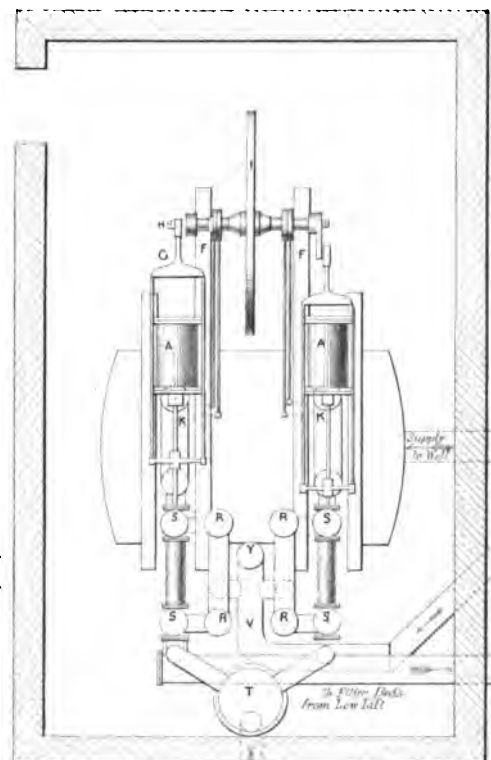


Fig. 5.



Scale to Fig^s 1 & 2.

12' 0 1 2 3 4 5 Feet

Scale to Fig^s 3-5.

1 2 3 4 5 6 7 8 9 10 20 Feet

12' 0 1 2 3 4 5 Feet

Fig. 2.

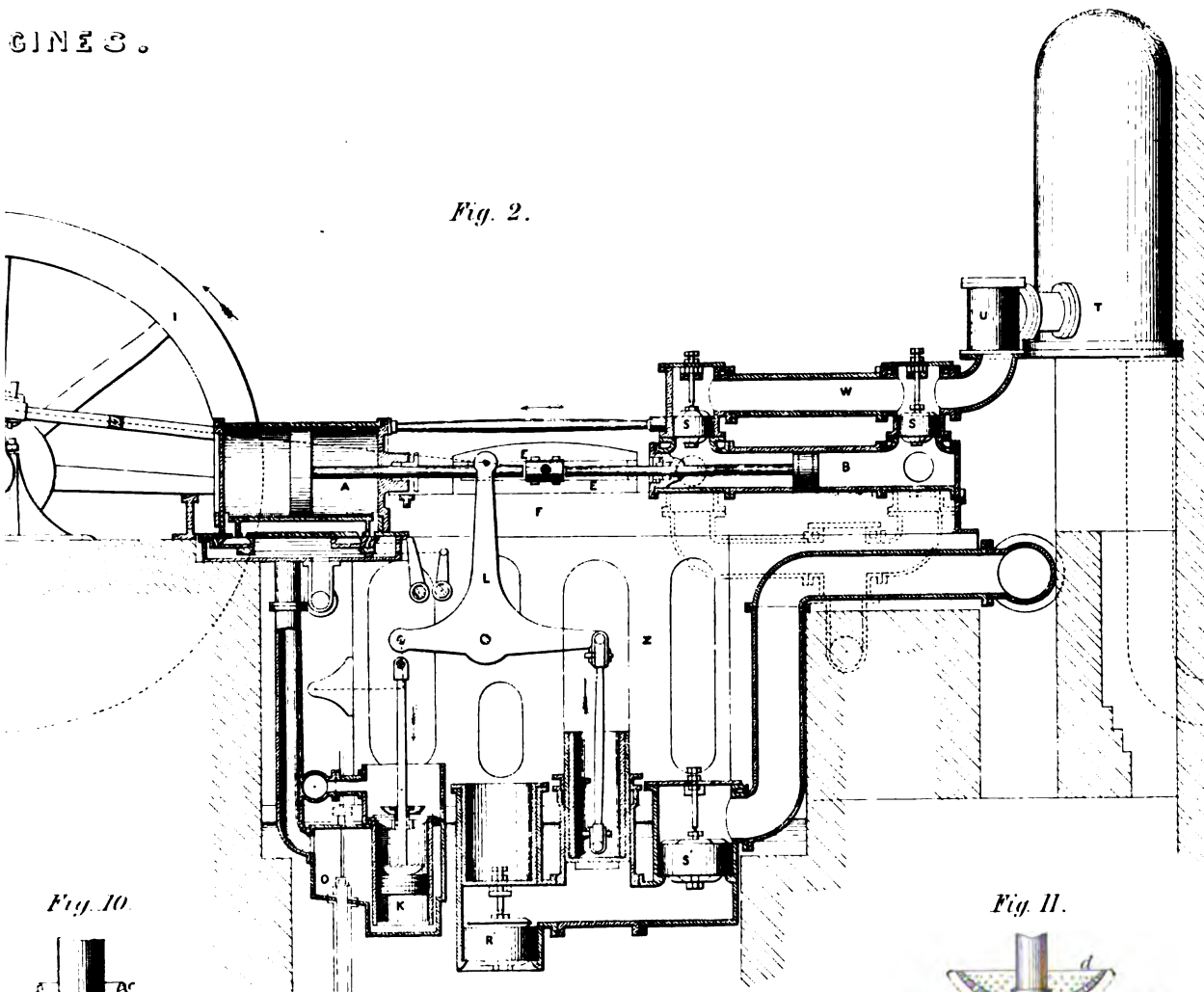


Fig. 10.

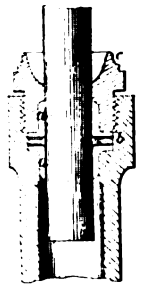


Fig. 15.

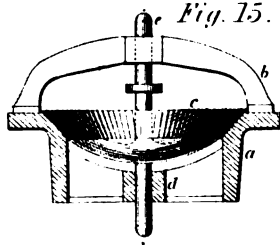


Fig. 11.

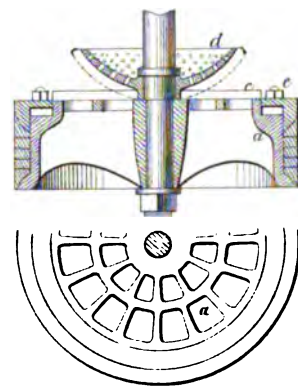


Fig. 6.

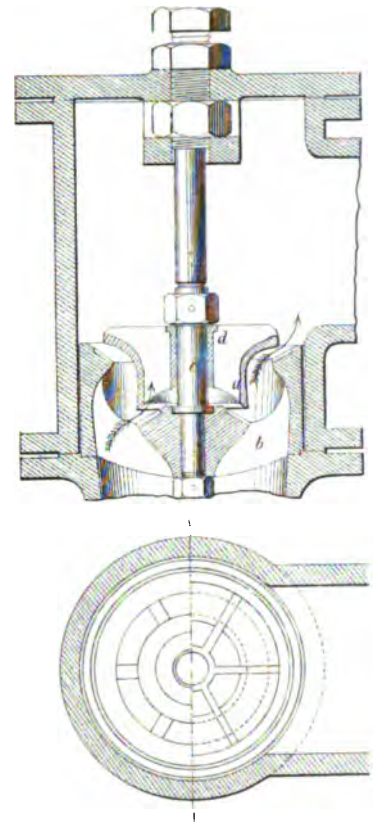


Fig. 7.

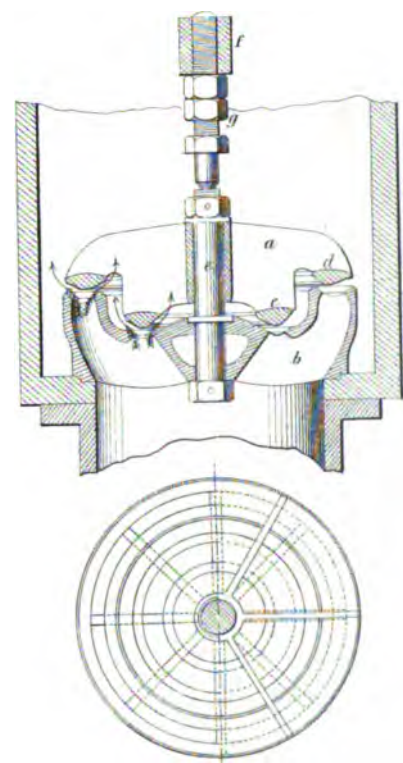


Fig. 8.

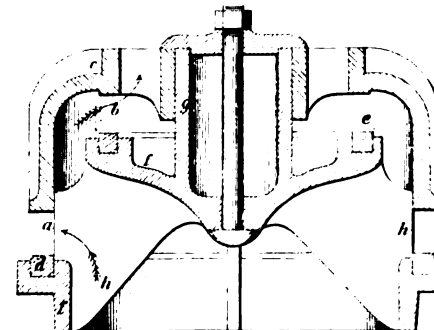


Fig. 9.

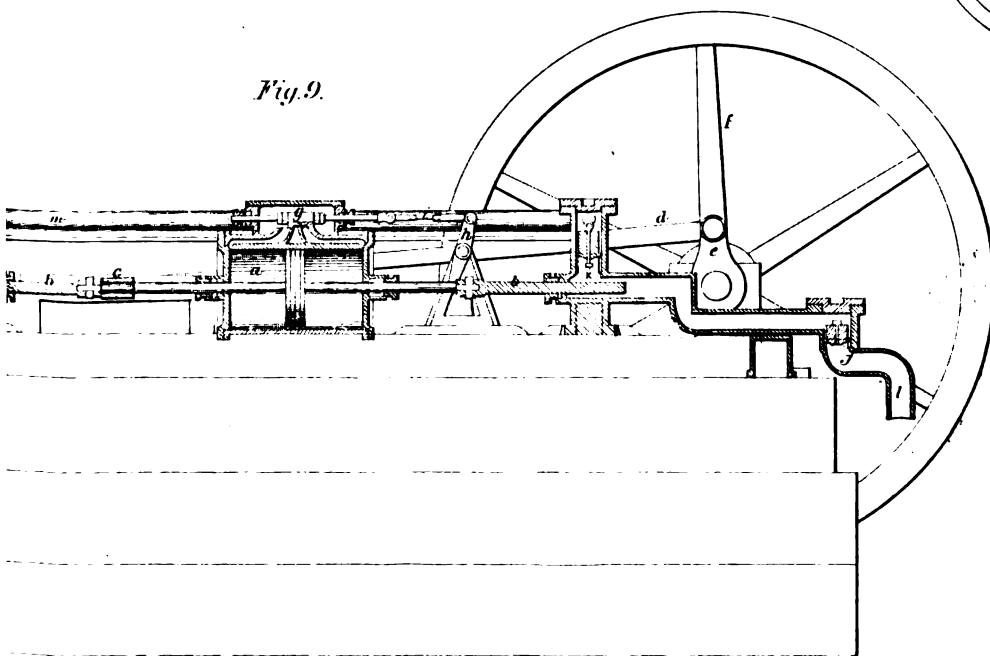
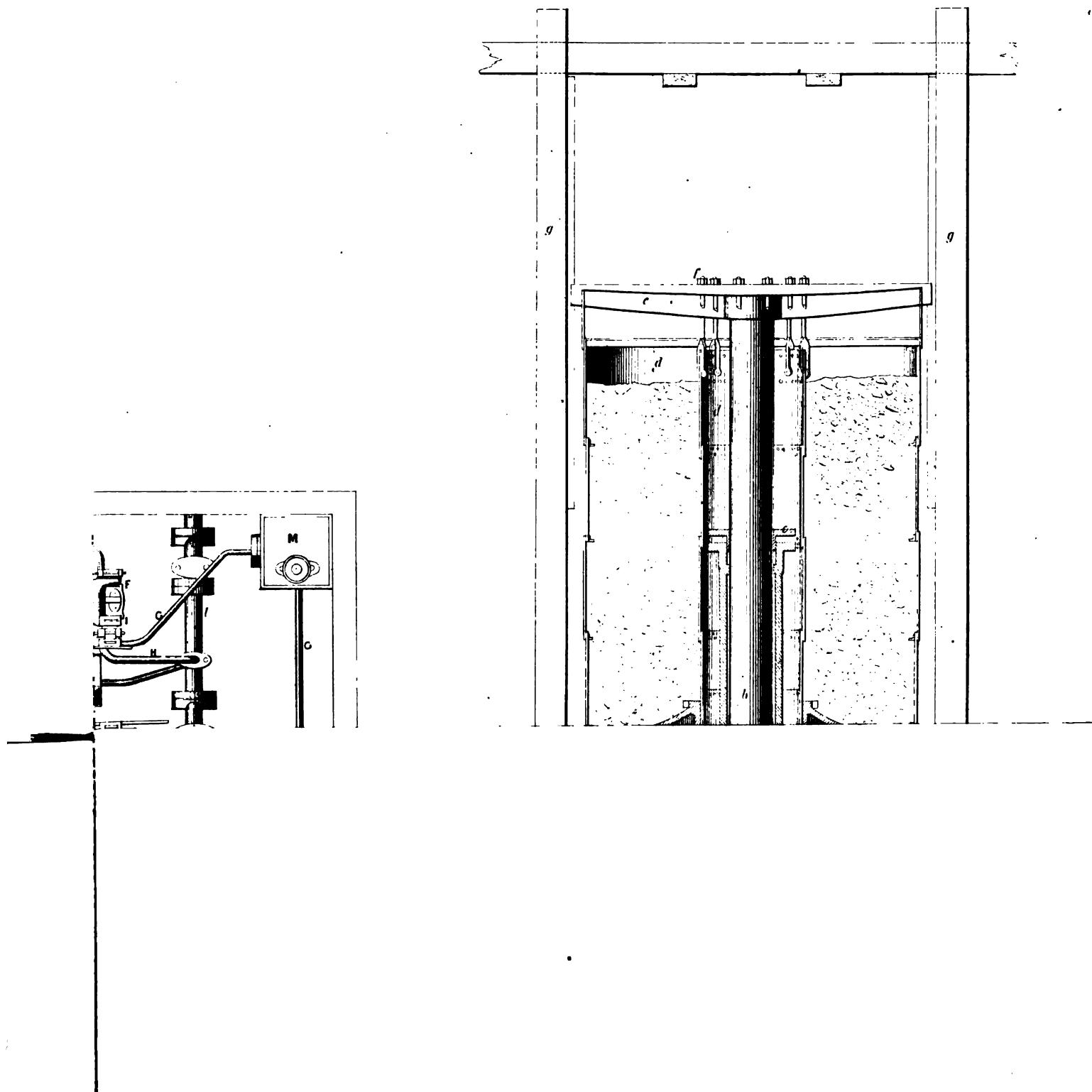
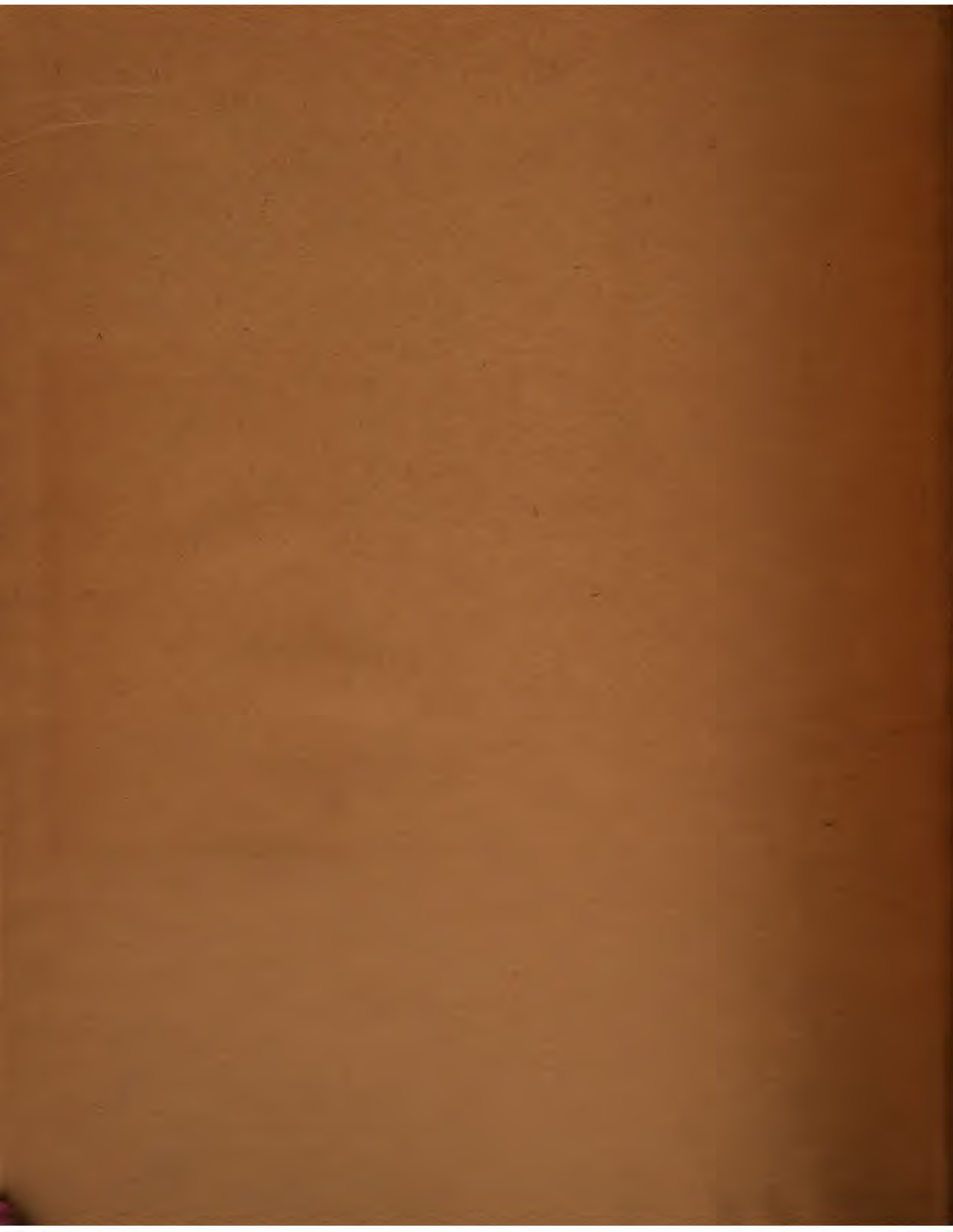


Fig. 9
0 1 2 3 4 5 6 7 8 9 10 Feet

Scale to Figs 6 & 7.
0 1 2 3 4 5 6 7 8 9 10 20 In.

Fig. 3.





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